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USAFETAC/DS-80/036

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ANSBACH AAF GERMANY/KATTERBACH WBAN #34172
N 49 19 E 010 38 FLD ELEV 1532 FT EDE3 WMO #

PARTS A-F

POR FROM HOURLY OBS MAY 46-MAY 47, OCT 65-MAR 71,
JUN 71-DEC 72
POR FROM DAILY OBS OCT 65-DEC 72

OCT 29 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

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404 PAGE

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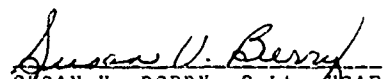
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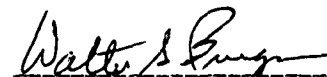
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FOR THE COMMANDER


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11313-2

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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17. DISTRIBUTION STATEMENT (of the abstract entered in block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Ansbach AAF, Katterback, Germany It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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UNCLASSIFIED

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Germany

* Ansbach AAF, DL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
34172		ANSBACH AAF GERMANY/KATTERBACH		N 49 19		E 010 38		1542		EDER			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Ansbach AAF Germany	AAF	May 46	May 47	N 49 19	E 010 38	1550	1526	24				
2	Same	Same	Oct 65	Nov 65	Same	Same	1542	1565	9&EM-F ClosedSat-Sun				
3	Same	Same	Dec 65	Oct 66	Same	Same	Same	Same	14Daily				
4	Same	Same	Nov 66	Oct 67	Same	Same	Same	Same	13Daily				
5	Same	Same	Nov 67	Feb 68	Same	Same	Same	Same	13 M-F 1-7Sat ClosedSun				
6	Same	Same	Mar 68	Aug 70	Same	Same	Same	Same	13Daily				
7	Same	Same	Sep 70	Dec 72	Same	Same	Same	Same	13 M-F 1-7Sat Closed Sun				
This station is closed all American Holidays.													
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	May 46to May 47	Located on roof of Operations Bldg.	Selsyn	None	68 Ft								
2	Oct 65to May 68	Located on top of Observation Tower.	AN/GMQ-11	None	49 Ft								
3	Jun 68to Aug 70	Same	Same	RO-2	Same								
4	Sep 70to Dec 72	Located on Control Tower, 1/2 mile from ROS.	Same	Same	30 Ft								

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING PRACTICE
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72 ALL
STATION MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		6,6	.8	11,3		18,1	45,7	26,3	.0		65,9	3073
FEB		.0	6,5	.1	19,8		26,0	40,3	22,4	.3	.0	60,3	2773
MAR			11,4	.2	7,2		18,2	15,7	17,6	.3		30,9	3185
APR		.1	12,0		1,8		13,6	7,5	10,7			15,4	2830
MAY		.3	10,4		.0	.0	10,5	5,1	11,6			15,1	2946
JUN		1,0	14,7				14,7	7,7	9,3			15,1	3005
JUL		1,0	6,9				6,9	5,8	10,1			13,7	3034
AUG		.7	9,4				9,4	7,9	10,6			16,8	3190
SEP		.2	7,9			.0	7,9	13,4	14,4			24,8	3052
OCT		.0	9,6		.4		10,1	20,2	20,3			35,8	3426
NOV		.1	10,5	.4	5,0		15,4	31,9	20,9			46,8	3173
DEC			8,8	.3	12,7		21,6	45,4	27,3	.1		67,6	3287
TOTALS		.3	5,6	.2	4,9	.0	14,4	20,6	16,8	.1	.0	34,0	36979

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/440

WEATHER CONDITIONS

34172 ATSBACH AAF GERMANY/KATTEBRACH 47,56-72 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		5.4		7.5		12.9	49.5	16.1			65.6	93
	03-05		7.3		6.6		13.6	55.3	12.9			68.2	132
	06-08		7.0	2.7	12.3		21.1	56.7	29.4			71.8	603
	09-11		5.2	1.1	14.1		20.4	51.9	28.9			69.1	651
	12-14		5.5	1.3	11.9		20.8	37.2	32.5			61.5	624
	15-17		3.7	.5	12.7		21.2	34.0	33.5	.3		61.4	612
	18-20		6.4	1.1	14.0		20.8	38.1	36.5			66.0	265
	21-23		3.2		10.8		14.0	43.0	20.4			63.4	93
TOTALS			6.6	.8	11.3		18.1	43.7	26.3	.0		65.9	3073

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/40

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		7,4		27,2		34,6	63,0	22,2			85,2	81
	03-05		2,9		25,6		30,5	62,9	17,1			80,0	105
	06-08		8,2	,4	11,6		18,9	43,9	24,6	,5	,2	63,0	570
	09-11		9,4	,5	15,6		23,8	32,0	20,6	1,0		48,4	572
	12-14		9,5		13,8		22,6	22,1	21,4	,5		41,0	566
	15-17	,2	9,1	,2	3,5		21,4	17,5	19,3	,2		34,8	561
	18-20		7,4		16,9		23,9	28,8	25,5			48,1	243
	21-23		1,3		31,3		32,5	52,5	28,8			81,3	80
TOTALS		,0	6,8	,1	19,8		26,0	40,3	22,4	,3	,0	60,3	2778

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

34172 ANSBACH AAF JERIMY/KATTERBACH 47,66-72 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		13,3		2,2		15,6	11,1	10,0	1,1		22,2	90
	03-05		10,3		11,8		21,3	23,5	11,0			34,6	136
	06-08		9,4	,3	7,6		17,1	29,4	29,8			49,4	660
	09-11		8,6	,5	8,7		16,9	17,0	23,2			39,7	652
	12-14		10,6		10,8		20,4	8,8	17,6	,2		24,3	648
	15-17		13,6		9,3		21,3	7,2	16,1	1,0		22,8	627
	18-20		14,7		7,5		21,1	10,4	19,7	,4		26,9	279
	21-23		10,8	1,1			11,8	18,3	8,6			26,9	93
TOTALS			11,4	,2	7,2		18,2	15,7	17,6	,8		30,9	3185

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		5,6				5,6	3,3				3,3	90
	03-05		10,0				10,0	6,7				6,7	90
	06-08		13,4		4,5		17,6	24,8	25,8			39,8	573
	09-11		17,0		3,0		19,5	10,9	24,2			30,9	570
	12-14		15,9		4,0		19,2	4,9	15,5			17,6	573
	15-17		12,2		1,8		13,6	3,5	10,4			11,8	566
	18-20	.4	10,8		1,1		11,9	2,2	9,4			10,1	278
	21-23		11,1				11,1	3,3				2,3	90
TOTALS		.1	12,0		1,8		13,6	7,5	10,7			15,4	2830

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172

ANSBACH AAF GERMANY/KATTERBACH

46-47,66-70,72

DAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		9,3				9,3		1,9			1,9	54
	03-05		5,1				5,1	8,2	35,7			43,9	98
	06-08		12,2				12,2	19,0	22,8			35,1	609
	09-11	.2	14,4		.2		14,6	7,8	14,8			19,5	616
	12-14	.3	14,3				14,3	2,6	8,4			9,9	616
	15-17	.8	12,2				12,2	1,5	5,4			6,2	616
	18-20	1,4	7,6			.3	8,0	1,4	3,5			4,5	289
	21-23		8,3				8,3						40
TOTALS		.3	10,4		.0	.0	10,5	5,1	11,6			15,1	2946

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ MC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		17,4				17,4	3,5				3,5	86
	03-05		20,0				20,0	14,8	5,9			20,7	135
	06-08		9,9				9,9	18,8	24,6			35,7	617
	09-11	.2	10,2				10,2	8,8	16,3			22,2	625
	12-14	1,0	11,6				11,6	4,2	12,4			14,7	613
	15-17	1,7	13,0				13,0	1,7	8,2			9,2	598
	18-20	9,8	14,8				14,8	5,8	6,8			9,1	263
	21-23	1,5	20,6				20,6	5,9				5,9	68
TOTALS		1,0	14,7				14,7	7,7	9,3			19,1	3005

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-77 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		5,7				5,7		3,4			3,4	87
	03-05		6,3				6,3	4,7	9,4			14,1	128
	06-08	,2	5,4				5,4	22,1	24,1			37,9	607
	09-11	,2	7,3				7,3	7,2	17,2			21,5	629
	12-14	1,2	7,4				7,4	2,6	9,4			10,0	608
	15-17	1,5	8,1				8,1	2,5	5,6			6,2	592
	18-20	2,8	7,7				7,7	3,1	7,7			8,4	287
	21-23	2,1	7,3				7,3	4,2	4,2			8,3	96
TOTALS		1,0	6,9				6,9	5,8	10,1			13,7	3034

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DJST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		8,6				8,6		6,5			6,5	93
	03-05	.3	7,0				7,0	12,4	3,9			16,3	129
	06-08	.5	10,9				10,9	32,5	20,2			43,8	662
	09-11	.2	12,6				12,6	10,3	21,9			28,4	659
	12-14	.2	9,5				9,5	3,5	13,5			16,4	629
	15-17	2,0	9,3				9,3	2,2	10,8			12,8	594
	18-20	2,2	9,4				9,4	2,5	6,6			8,8	319
	21-23		7,6				7,6		1,0			1,0	105
TOTALS		.7	9,4				9,4	7,9	10,6			16,8	3190

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172

ANSBACH AAF GERMANY/KATTERBACH

46,66-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		8,9				8,9	8,9				8,9	90
	03-05		8,8				8,8	21,6	3,2			24,8	125
	06-08	.3	7,2				7,2	48,8	28,2			60,9	627
	09-11		6,6				6,6	16,0	24,0			43,4	632
	12-14	.5	6,4				6,4	3,5	20,8			23,6	605
	15-17	.5	9,0			.2	9,0	1,5	16,2			17,8	591
	18-20	.4	7,5				7,5	1,8	11,4			12,9	280
	21-23		8,8				8,8	4,9	1,0			5,9	102
TOTALS		.2	7,9			.0	7,9	13,4	14,4			24,8	3052

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

34172

ANSBACH AAF GERMANY/KATTERBACH

46,65-72

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREETING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		9,9		3,3		13,2	12,1	5,5			17,6	91
	03-05		8,6				8,6	21,9	3,1			25,0	128
	06-08		12,8				12,8	51,7	24,6			62,3	687
	09-11		9,3				9,3	34,5	30,9			56,1	724
	12-14	.1	9,0		.1		9,1	14,6	28,4			38,3	711
	15-17	.1	9,0				9,0	8,8	29,4			35,1	667
	18-20		9,8				9,8	12,4	29,5			35,6	315
	21-23		8,7				8,7	5,8	10,7			16,5	103
TOTALS		.0	9,6		.4		10,1	20,2	20,3			35,8	3426

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		7,8		1,1		8,9	31,1	5,6			36,7	90
	03-05		14,3		6,3		19,8	28,1	4,0			42,1	126
	06-08		10,1	,8	5,8		16,6	43,8	30,1			59,7	621
	09-11		11,9		6,9		18,2	40,1	30,1			55,3	671
	12-14		11,5	,3	6,8		17,8	27,0	30,5			49,4	662
	15-17		12,0	1,1	5,7		18,7	24,7	29,6			47,7	619
	18-20		9,4	,8	4,9		15,0	26,7	23,7			45,9	266
	21-23	,8	6,8		2,5		8,5	23,7	13,6			37,3	118
TOTALS		.1	10,5	,4	5,0		15,4	31,9	20,9			46,8	3173

1
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		4,6		16,1		20,7	48,3	24,1			72,4	87
	03-05		6,7		9,2		16,0	50,4	16,0			66,4	119
	06-08		9,5	.7	10,5		20,5	53,0	28,9	.4		71,5	674
	09-11		11,0	.3	14,9		25,0	46,5	29,5	.3		66,5	699
	12-14		9,4	.3	12,3		21,3	35,2	30,9			59,7	667
	15-17		11,5	.3	13,2		24,6	38,7	33,4			63,0	659
	18-20		11,4	1,0	11,4		23,8	43,1	28,3			65,9	290
	21-23		6,5		14,1		20,7	47,8	27,2			75,0	92
TOTALS			8,8	.3	12,7		21,6	43,4	27,3	.1		67,6	3287

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
ATMOSPHERIC PHENOMENA

34172 ANSBACH AAF GERMANY/KATTERBACH 65-72 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		23.5	5.3	27.6	.6	45.3	74.1	49.4	.6		86.5	170
FEB		.5	30.8	1.6	33.0	.5	53.8	60.4	59.3	3.2		81.9	182
MAR		.6	24.7		24.1	.6	42.9	41.8	51.2	1.2		68.2	170
APR		.6	38.8		15.2	1.8	46.7	39.4	46.7			55.2	165
MAY		5.5	39.4		.6	.6	39.4	34.1	34.7			46.8	170
JUN		10.5	41.3				41.3	38.4	41.9			56.4	172
JUL		11.4	26.9				26.9	32.9	45.5			50.9	167
AUG		9.4	32.9			.5	38.9	44.8	47.3			60.6	203
SEP		3.6	28.6			.5	28.6	67.2	69.8			80.7	192
OCT		.5	25.5		.5		25.5	67.7	71.4			82.7	220
NOV			36.5	1.9	18.5		46.9	62.6	59.7			82.5	211
DEC			32.1	4.2	36.8		57.1	72.6	62.3	.5		89.2	212
TOTALS		3.6	32.2	1.1	13.0	.4	41.1	53.0	53.3	.5		70.3	2234

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the table as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the mean, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

84172 ANSBACH AAF GERMANY/KATTERBACH 65-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-34	37-49	49-60	61-120	OVER 120					
JAN	31.0	25.3	5.3	15.0	11.5	5.3	3.5							40.7	119	.83	2.21	.02
FEB	30.7	16.0	7.3	21.3	12.0	9.3	2.7	.7						53.3	150	1.14	2.38	.15
MAR	40.4	15.6	10.6	16.4	6.4	3.7	2.3							44.0	141	.86	1.60	.31
APR	39.4	17.5	11.3	15.0	4.4	8.1	3.6	.6						43.1	160	1.06	2.26	.12
MAY	46.4	9.0	4.6	16.3	4.6	13.3	4.2	1.2						44.4	166	1.22	2.05	1.01
JUN	40.6	13.4	4.5	14.1	6.3	12.0	5.6	2.6						43.6	142	2.06	3.53	1.04
JUL	33.7	11.6	4.3	7.2	7.2	5.1	2.9	2.9						29.7	138	1.24	2.15	.11
AUG	42.6	9.2	3.6	12.3	11.3	7.7	6.2	3.6	1.3					46.2	175	2.81	3.95	.32
SEP	32.7	13.8	5.9	12.8	2.7	5.9	5.2	.5	.5					33.3	188	1.23	4.73	.23
OCT	34.6	14.3	4.0	8.0	3.0	9.0	4.3	2.3						31.0	200	1.31	2.36	.37
NOV	35.7	20.5	7.0	16.8	5.9	9.3	3.8	1.1						43.8	183	1.23	2.29	.40
DEC	29.3	22.3	8.3	13.7	10.8	7.6	6.9							44.4	137	1.44	2.93	.43
ANNUAL	41.6	16.0	6.3	14.2	7.2	8.2	4.7	1.3	.2					42.2	1935	16.90		

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 65472

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTES: BASED ON 4 FULL MONTHS

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
USAF MAC
AFR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

34872 ANSBACH AAF GERMANY/KATTERBACH 65-72

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	66.7	23.4	2.7	6.3	1.8	.9								11.7	111	3.3	8.2	TRACE
FEB	47.7	24.2	6.3	14.8	6.3	.8								28.1	120	7.8	15.8	.7
MAR	68.1	20.6	6.4	6.4	3.3									16.3	141	4.2	10.3	.3
APR	76.1	17.2	2.2	1.3	2.2	.7								6.7	134	2.2	3.4	TRACE
MAY	99.2	.7													140	TRACE	TRACE	.0
JUN	100.0														142	.0	.0	.0
JUL	100.0														139	.0	.0	.0
AUG	100.0														140	.0	.0	.0
SEP	100.0														134	.0	.0	.0
OCT	96.8	2.7	.6											.6	170	TRACE	.2	.0
NOV	78.0	13.8	3.8	1.3	1.3	1.3		.6						8.2	139	2.2	8.3	TRACE
DEC	89.2	21.6	7.2	4.6	3.4	4.6								19.2	123	6.2	14.4	TRACE
ANNUAL	82.1	110.4	3.4	2.9	1.7	.7		.6						7.6	1003	27.0		

1

(FROM DAILY OBSERVATIONS)

YEAR

24 HOUR AMOUNTS IN INCHES

NOTE: * BASED ON 4 FULL MONTHS

1

DATA PROCESSING BRANCH
USAF: STAC
AFR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

30872

ANSBACH AAF GERMANY/KATTERBACH

65-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	30.9	2.7	9.4	14.4	20.1	20.1	2.2							66.2	139			
FEB	63.0	6.5	6.5	6.5	6.5	11.0								30.5	154			
MAR	73.5	12.0	4.2	3.6	4.2	2.4								14.5	166			
APR	98.9	4.2	1.4											1.8	163			
MAY	100.0														170			
JUN	100.0														172			
JUL	100.0														169			
AUG	100.0														172			
SEP	100.0														168			
OCT	100.0														169			
NOV	39.4	4.2	4.2	1.1	1.1	2.8	4.2							6.1	179			
DEC	60.9	2.7	4.2	6.5	6.5	7.7	4.2							27.7	177			
ANNUAL	63.0	2.7	2.2	2.7	2.1	2.6	1.6							22.2	2015			

1

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTE: * (EASDDION) (FULL MONTHS)

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

1

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTES: * (BASED ON 4 FULL MONTHS)
 * (BASED ON 4 FULL MONTHS AND 4,000 KNOTS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72 YEARS ALL MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	.4	.0	.0						4.7	6.4
NNE	.5	1.7	1.7	.4	.0	.0						4.4	7.0
NE	.9	2.1	1.5	.3	.0	.0						4.9	6.2
ENE	.3	.5	1.1	.3	.1	.0						2.7	7.4
E	1.0	2.4	2.6	.9	.1	.0						7.1	7.3
ESE	.4	1.2	1.2	.3	.0	.0						3.1	6.9
SE	.9	2.0	1.8	.3	.0	.0						5.0	6.2
SSE	.4	1.6	1.5	.3	.0	.0						3.9	6.8
S	1.3	3.6	3.3	.9	.1	.0	.0					9.2	6.9
SSW	.4	1.3	1.3	.6	.1	.0	.0					3.8	7.8
SW	.8	1.6	2.2	1.3	.2	.1	.0	.0				6.5	8.5
WSW	.4	1.5	2.6	2.4	.8	.3	.0	.0	.0			8.0	10.9
W	1.4	4.0	6.7	5.0	1.4	.4	.0	.0	.0			19.0	9.9
WNW	.3	1.1	1.6	.9	.2	.0	.0					4.0	8.8
NW	.4	.9	1.0	.4	.1	.0						2.8	7.5
NNW	.2	.8	.7	.2	.0	.0						1.9	7.0
VARBL	.4	.4	.4	.2	.0	.0	.0	.0				1.6	7.0
CALM												7.5	
	11.2	29.3	32.5	15.2	3.2	1.0	.1	.0	.0			100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 36946

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH

47,66-72

YEARS

JAN
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	.7	.1	.0							2.2	6.0
NNE	.5	.2	.6	.1	.2							2.1	6.7
NE	1.3	2.1	1.0	.2								4.6	5.3
ENE	.5	.8	.5	.1	.1							2.0	6.2
E	1.9	3.7	4.9	1.1	.3	.1						11.9	7.2
ESE	.6	2.1	2.8	.5	.0	.0						6.0	7.2
SE	1.5	3.2	3.3	.6								8.3	6.4
SSE	.3	2.7	3.1	.6								6.6	7.2
S	1.8	5.0	4.6	1.0	.2		.0					12.6	6.8
SSW	.5	1.1	.8	.4	.1							2.8	6.5
SW	.4	1.3	1.2	1.0	.3							4.2	8.8
WSW	.3	.8	2.1	2.0	.7	.3	.0					6.1	11.5
W	2.3	4.2	6.2	4.5	1.1	.1						18.6	8.9
WNW	.1	.5	.7	.3	.2	.2						1.9	10.2
NW	.2	.6	.4	.1								1.2	6.1
NNW	.2	.2	.1	.1								.7	6.0
VARBL	.3	.3	.0									.7	3.6
CALM												7.3	
	13.3	30.2	32.9	12.4	3.1	.7	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

3072

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.2	.6	.2	.0						5.0	6.9
NNE	.4	1.3	1.4	.4	.0							3.1	7.5
NE	1.9	3.9	1.4	.2								7.4	5.2
ENE	.3	.9	.8	.1								2.1	6.0
E	1.4	5.4	4.7	1.5								13.0	6.9
ESE	.3	1.8	1.5	.5								4.3	7.1
SE	.4	2.8	2.6	.2								5.9	6.7
SSE	.5	1.9	2.2	.8	.1	.0						5.5	7.8
S	.8	3.4	4.2	1.4	.2							9.9	7.7
SSW	.3	1.2	1.9	.9	.3							4.6	8.9
SW	.3	1.0	1.7	1.7	.4		.1	.0				4.6	10.4
WSW	.3	1.5	2.4	2.0	1.2	.3	.1					8.4	11.6
W	.9	2.2	3.5	3.6	1.7	.9	.2	.1	.1			13.3	12.1
WNW	.2	.0	1.2	.6	.2	.0	.1					3.1	9.9
NW	.3	.9	.6	.1								1.8	6.1
NNW	.2	.6	.8									1.5	6.5
VARBL	.3	.2	.1									.6	4.6
CALM												5.4	
	9.9	31.5	32.4	14.4	4.3	1.3	.6	.1	.1			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2779

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERSACH YEARS 47,66-72 MONTH MAR
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	1.6	.4	.1	.1						4.4	7.0
NNE	.5	1.7	2.1	.5		.0						5.8	7.4
NE	.5	1.5	1.4	.4	.1	.1						3.7	7.3
ENE	.2	1.0	1.3	.6	.0							3.1	8.4
E	.8	2.0	2.5	1.4	.1	.0						6.8	8.0
ESE	.1	.7	.8	.4	.0							2.2	7.6
SE	.5	1.9	2.3	.8								5.0	6.8
SSE	.2	.9	1.4	.5								2.0	7.8
S	1.0	3.8	3.1	1.0	.1							8.8	7.1
SSW	.4	1.0	.8	1.0	.3	.1	.1					3.7	9.9
SW	.7	1.2	1.7	1.8	.7	.3	.0					6.3	10.6
WSW	.2	.9	2.3	2.8	1.4	.8	.1					8.6	12.3
W	1.2	3.4	7.0	8.4	2.6	1.1	.1					23.8	11.6
WNW	.2	1.1	1.2	1.3	.3	.0						4.1	9.7
NW	.2	.7	.8	.7	.2							2.6	9.3
NNW	.2	.8	.7	.3	.1							2.0	7.7
VARBL	.2	.2	.4	.3	.0	.1	.0					1.3	10.1
Calm												5.6	
	7.9	24.0	31.4	22.1	5.9	2.6	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 3181

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 47,06,70,72 APR
STATION NAME YEARS MONTH
CLASS ALL WEATHER ALL
CONDITION HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	2.1	1.2	.1							5.7	8.2
NNE	.4	1.3	2.9	1.1	.1							5.8	8.4
NE	1.0	1.5	1.1	.5	.1	.0						4.4	6.8
ENE	.8	.7	1.4	.5	.2	.0						3.0	9.1
E	.5	1.0	1.8	1.1	.2	.0						5.4	8.3
ESE	.2	.7	.5	.2								1.8	6.9
SE	.2	1.1	.7	.3	.1							2.3	6.8
SSE	.3	.9	.6	.1	.0							1.9	6.7
S	1.0	2.3	2.4	1.0	.2	.1						7.1	7.6
SSW	.2	.9	1.1	.9	.2							3.3	9.0
SW	.6	1.8	2.4	1.9	.4		.1					7.5	9.9
WSW	.4	.9	2.5	3.1	1.0	.4	.1	.0				8.8	12.2
W	1.7	4.4	6.4	6.3	3.0	1.1	.1	.0				23.0	10.9
WNW	.4	1.2	1.2	.7	.2	.0	.0					4.7	9.8
NW	.3	.8	1.6	1.1	.0							3.9	8.9
NNW	.4	.8	.9	.5	.0							2.6	7.9
VARBL	.5	.2		.0								.7	3.7
CALM												8.0	
	8.7	23.4	20.0	21.8	3.9	1.8	.3	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2827

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47, 66-70, 72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.6	.4								5.5	6.0
NNE	.6	2.2	1.8	.6								5.1	6.8
NE	1.2	2.3	1.6	.4	.0							5.5	6.0
ENE	.4	1.1	1.2	.5	.1							3.4	7.8
E	1.9	2.4	3.8	1.7	.2							9.9	7.4
ESE	.2	1.1	1.3	.5	.1							3.3	8.1
SE	1.1	1.6	1.6	.3								4.6	6.0
SSE	.4	1.5	.6	.1								2.8	6.0
S	.7	2.3	2.0	.2	.1							5.3	6.4
SSW	.2	.8	1.3	.3	.1							2.8	8.1
SW	.6	1.0	1.9	1.1	.3	.1						5.0	9.2
WSW	.6	1.4	2.7	2.4	.6	.2						7.7	10.3
W	1.0	3.8	6.6	4.4	1.2	.2						17.1	9.8
WNW	.3	1.2	2.4	1.4	.3							5.6	9.2
NW	.4	1.0	1.2	.8	.0							3.4	9.1
NNW	.3	.8	1.1	.2	.1							2.5	7.5
VARBL	.2	.1	.2	.1								.6	6.3
CALM												9.8	
	11.4	26.8	32.0	15.4	3.2	.5						103.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2946

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46,66-72 YEARS JUN MONTH
ALL WEATHER CLASS ALL HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	2.4	1.2	.2							6.9	7.7
NNE	.8	2.1	2.2	.7	.0							5.5	7.2
NE	.6	1.6	1.0	.6	.0							4.0	6.7
ENE	.3	1.1	1.1	.7	.1							3.3	8.0
E	.8	1.3	1.6	.9	.2	.0						4.8	7.9
ESE	.3	.3	.5	.1								1.7	6.2
SE	.3	1.0	.7	.1								2.0	6.0
SSE	.5	1.1	.7	.1								2.4	5.7
S	1.1	2.0	1.4	.3	.0							4.9	6.0
SSW	.3	1.1	1.4	.4								3.2	7.5
SW	1.0	3.0	2.5	1.0	.0							7.6	7.0
WSW	.5	2.1	2.5	1.6	.2	.0						6.9	8.6
W	1.0	4.8	8.7	5.4	.7	.1						20.7	9.2
WNW	.5	1.7	2.5	1.4	.1	.1						6.3	8.5
NW	.6	1.0	1.2	.7	.1							3.7	7.9
NNW	.3	1.3	1.2	.5	.0							3.3	7.2
VARBL	.8	.9	1.1	.7	.2							3.7	7.9
CALM												8.9	
	10.9	28.9	32.8	16.2	2.0	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3005

DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,66-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.1	2.7	.3								8.7	5.9
NNE	.2	1.3	1.6	.2								3.2	6.8
NE	.7	1.5	1.0	.1								3.3	5.9
ENE	.1	.3	.7	.2								1.3	7.6
E	.5	1.7	1.7	.3								4.2	6.7
ESE	.4	.9	.9	.3								2.5	6.8
SE	.4	1.1	1.2	.0								2.8	6.2
SSE	.4	1.2	.7	.2								2.4	6.3
S	1.0	2.8	1.7	.4								6.0	6.2
SSW	.4	1.4	1.0	.3	.0							3.1	6.6
SW	1.1	1.6	1.9	.9	.2	.1						5.7	8.0
WSW	.7	2.0	2.7	1.6	.3	.1						7.4	8.7
W	1.5	5.6	9.0	3.8	.8	.1						20.8	8.5
WNW	.2	2.0	3.4	1.8	.1							7.5	8.8
NW	.9	1.9	2.0	.5		.0						5.3	6.8
NNW	.2	1.3	1.0	.1								2.6	6.7
VARBL	.6	1.0	1.7	.1	.0							3.4	6.7
CALM												6.6	
	10.8	31.7	34.9	11.2	1.4	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3032

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 66-72 MONTH AUG
CLASS ALL WEATHER MOVES (LST) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.4	.0								4.8	5.6
NNE	.4	1.4	1.8	.1								3.8	6.5
NE	.7	2.4	1.6	.1								4.7	6.0
ENE	.7	1.0	1.3	.3								3.4	6.5
E	.7	1.9	1.5	.5								4.5	6.7
ESE	.4	.6	.7	.2								2.0	6.7
SE	.7	1.5	1.1	.1								3.4	5.8
SSE	.4	1.0	1.0	.2	.0							2.6	6.4
S	1.3	2.9	2.3	.5	.1							7.3	6.3
SSW	.5	1.5	1.3	.3								3.6	6.7
SW	1.3	2.9	2.6	.6								7.4	6.4
WSW	.6	1.8	2.1	1.9	.2	.1						7.6	9.0
W	2.1	5.4	9.5	4.9	.6	.1						22.5	8.5
WNW	.6	1.8	2.0	1.0	.1							3.4	7.8
NW	.6	1.4	1.5	.3	.1	.0						4.0	7.0
NNW	.3	1.0	1.1	.3	.0							2.6	7.3
VARBL	.3	.2	.8	.4	.1	.1						1.8	9.3
CALM												8.5	
	12.8	31.1	34.5	11.7	1.2	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3192

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	1.0	.1								2.7	5.6
NNE	.6	3.0	2.5	.2								6.2	6.5
NE	.6	1.7	1.3	.2								3.8	6.1
NNE	.2	1.2	1.2	.1								2.6	6.8
E	.7	1.7	1.4	.4								4.1	6.7
ESE	.4	1.1	.7	.1								2.3	6.1
SE	2.1	2.3	1.5	.2								6.1	5.3
SSE	.7	1.8	1.3	.1								4.0	6.0
S	1.8	4.0	3.1	.6	.1							9.6	6.4
SSW	.4	1.8	1.1	.2								3.6	6.3
SW	1.6	2.6	2.7	1.3	.4							8.5	7.5
WSW	.7	1.8	2.6	2.0	.3	.1	.0					7.5	8.9
W	1.2	4.9	6.9	4.4	.8	.5	.0	.2				18.9	9.7
WNW	.3	1.1	1.7	.2	.0							3.3	7.2
NW	.4	.8	.7	.4								2.3	6.6
NNW	.3	1.0	.6	.1								2.0	6.0
VARBL	1.0	1.2	.4	.2								2.7	5.1
CALM												8.8	
	13.5	33.9	30.6	10.9	1.5	.5	.1	.2				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2041

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72 JCT
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.8	.2								2.2	5.3
NNE	.3	1.9	1.4	.3								4.1	6.8
NE	.9	2.5	2.5	.3								5.2	6.4
ENE	.2	1.3	1.7	.2								3.4	6.9
E	1.2	3.7	3.6	1.2	.0							9.8	7.1
ESE	.5	1.9	1.4	.3								4.1	6.4
SE	1.4	2.9	1.9	.3	.0							6.6	5.9
SSE	.7	2.5	1.8	.2								5.2	6.2
S	1.4	3.3	2.3	.4	.1							7.6	6.2
SSW	.5	1.3	1.2	.5	.1							3.7	7.1
SW	.6	1.3	1.7	.9	.1							4.6	8.0
WSW	.4	1.7	2.9	3.2	1.0	.3	.1					9.5	11.1
W	.8	3.1	6.5	5.1	1.2	.1	.0					16.9	10.1
WNW	.2	.7	1.3	.4	.2							2.7	8.7
NW	.4	.9	.9	.4	.1	.1						2.8	7.8
NNW	.4	.6	.4	.1		.0						1.4	6.0
VARBL	.4	.4	.5	.4	.1							1.7	7.9
CALM												6.7	
	11.5	31.0	32.9	14.5	2.8	.5	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3423

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERPACH 46,65-72
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0	.7	.3	.1							3.0	6.2
NNE	.3	1.7	1.0	.6								3.6	7.3
NE	1.0	2.1	1.0	.2								4.3	5.6
ENE	.3	.9	.8	.2	.1							2.2	7.0
E	.7	2.2	1.8	.9	.1	.0						5.7	7.5
ESE	.6	1.3	1.3	.2								3.4	6.3
SE	1.5	3.3	2.2	.5								7.5	6.0
SSE	.4	2.0	2.0	.6	.1							5.1	7.2
S	1.4	5.9	6.6	1.6	.2	.0						15.8	7.4
SSW	.6	1.9	2.2	1.3	.2	.1						6.4	8.7
SW	.9	2.1	3.3	2.2	.4	.2	.0					9.1	9.0
WSW	.3	1.3	2.4	2.8	1.3	.6	.1					8.8	12.4
W	1.0	2.8	4.6	4.0	1.2	.5	.1					16.2	10.4
WNW	.3	.9	.7	.4	.1	.0						2.3	8.0
NW	.4	.3	.3	.1		.0						1.1	6.3
NNW	.1	.5	.2	.2								1.0	7.4
VARBL	.4	.2	.1	.0		.0		.0				.7	6.0
CALM												5.7	
	11.1	30.3	31.1	16.2	3.7	1.6	.2	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3170

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,65-72 MONTH DEC
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	.9	.1								4.5	4.9
NNE	.8	2.1	1.5	.2								4.5	6.2
N°	.8	2.3	2.4	.8	.1							6.4	7.3
ENE	.2	.7	1.1	.3	.0							2.3	7.7
E	.5	1.9	2.0	.5	.1							5.0	7.2
ESE	.4	1.1	1.4	.2								3.1	6.8
SE	1.2	1.6	2.4	.3								5.5	6.5
SSE	.5	1.7	2.1	.5	.0							4.8	7.2
S	2.3	4.8	3.5	1.8	.1							14.5	7.1
SSW	.4	1.9	1.8	.7	.0							4.9	7.4
SW	.9	1.7	2.8	1.8	.5	.2						7.8	9.0
WSW	.2	1.3	2.6	3.0	1.3	.5	.0					8.9	12.1
W	1.4	3.2	5.7	5.2	1.7	.5	.0					17.7	10.3
WNW	.2	.7	.6	.2	.1							1.9	8.0
NW	.4	.4	.4	.1	.1	.0						1.4	6.3
NNW	.1	.3	.2	.1	.0							.7	6.5
VARBL	.4	.3	.0	.1		.0						.9	5.7
CALM												5.4	
	11.9	28.4	33.3	15.7	4.1	1.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3280

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/WAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 47 YEARS NORTH JAN
STATION NAME CLASS ALL WEATHER HOURS (LST) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		2.2										2.2	3.3
NE	6.5	4.3	3.2	1.1								15.1	5.1
ENE													
E	9.7	8.6	2.2									20.4	4.3
ESE			3.2									3.2	8.0
SE	3.2	2.2	2.2	1.1								6.6	5.9
SSE			1.1									1.1	9.0
S	5.4	3.2	1.1									9.7	4.4
SSW													
SW			1.1									1.1	8.0
WSW			2.2									2.2	9.3
W	11.8	9.7	8.6	4.3								34.4	5.9
WNW													
WW													
NNW													
VARBL													
CALM												2.2	
	26.6	30.1	24.7	6.5								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 47.71 JAN
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0200-0500
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	4.5	5.2	2.2									12.0	4.7
ENE													
E	3.8	6.0	2.3	.8								12.3	5.5
ESE		2.2	.8									3.0	5.8
SE	2.0	5.2	3.0									11.3	5.1
SSE		1.5	1.5									3.0	6.5
S	4.5	1.5	4.5	2.3								12.5	6.9
SSW	.8		.8		.8							2.3	9.0
SW	.8	3.0	2.3	.8								6.8	7.0
WSW	.8		1.5		.8							3.0	9.5
W	8.3	8.3	4.5	3.0								24.1	6.1
WNW													
NW	.8			.8								1.5	6.0
NNW													
VARBL		.8										.8	4.0
CALM												6.8	
	27.1	33.8	23.2	7.5	1.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 133

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47, 66-72 MONTH JAN
CLASS ALL WEATHER ROUTE (L & T) C600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.5									1.3	6.0
NNE	.5	1.0	1.0	.2	.3							3.0	7.6
NE	1.0	1.6	.8									3.7	5.3
ENE	1.0	.2	.2									1.5	3.7
E	1.7	3.2	5.6	.7								11.1	7.1
ESE	1.7	1.8	2.2	1.0		.2						6.8	7.1
SE	1.5	3.0	2.7	.5								7.6	6.3
SSE		2.8	3.5	.5								6.8	7.2
S	1.7	5.8	5.5	1.2	.3							14.6	6.9
SSW	.7	1.2	.7	.2	.2							2.8	6.1
SW	.3	1.7	1.0	.8								3.8	7.7
WSW	.7	1.2	1.8	2.2	.3	.2						6.5	10.2
W	2.5	4.8	3.8	5.1	.8							17.1	8.7
WNW	.2	.3	.2	.3	.2							1.2	9.7
NW	.2	.7	.2									1.0	2.2
NNW	.3	.2	.2	.3								1.0	7.3
VARBL	.2	.3										.5	3.3
CALM												9.6	
	14.1	30.7	29.7	13.3	2.2	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING BRANCH
RTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47-66-72 MONTH JAN
CLASS ALL WEATHER HOURS (LST) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8	1.1	.2								2.8	6.2
NNE	.3	.5	.6		.5							1.8	9.2
NE	.9	1.1	.3									2.3	4.2
ENE	.3	.9			.2							1.4	5.4
E	.8	2.2	4.1	1.7	.3							9.1	8.4
ESE	.6	2.3	3.2	.5	.2							6.3	7.0
SE	2.0	3.5	3.4	.5								9.4	6.0
SSE	.6	2.9	2.6	1.1								7.2	6.9
S	2.0	5.4	5.5	1.1	.2							14.1	6.8
SSW	.3	1.4	1.7	.5								3.8	7.3
SW	.2	1.4	1.2	1.4	.3							4.3	9.8
WSW	.3	.8	2.0	1.8	.6	.3						6.0	10.9
W	2.8	2.3	5.4	4.6	1.2	.3						16.6	9.6
WNW	.3	1.1	.5	.2	.3	.5						2.8	10.1
NW	.3	.5	.2									.9	4.8
NNW	.3	.5	.2	.2								1.1	5.7
VARBL	.5											.5	1.7
CALM												9.1	
	13.4	27.3	32.0	13.5	3.7	1.1						100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERB CH
STATION NAME

47,66-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	.8									3.5	5.2
NNE	.9	.3	1.0	.2	.2							1.9	8.2
NE	.3	1.4	1.0	.3								3.0	6.7
ENE	.2	.4	.3	.2								1.4	6.1
E	1.6	2.1	3.7	4.3	.6	.2						9.5	8.2
ESE	.2	2.7	3.7	.8								7.4	7.9
SE	.8	3.2	4.2	.8								9.0	7.0
SSE	.3	2.7	3.8	.3								7.2	7.2
S	1.1	3.0	4.6	.8	.3							11.9	7.0
SSW	.8	1.4	.6	.5								3.5	6.4
SW	.5	1.1	1.4	1.0	.3							4.3	8.9
WSW		1.1	2.1	3.5	1.3	.3						8.3	12.3
W	1.1	2.5	6.6	3.1	1.8	.2						17.3	10.4
WNW	.2	.3	1.1	.6	.2							2.4	10.0
NW	.2	.3		.2								.6	7.3
NNW	.2	.2	.2									.3	5.0
VARBL	.3	.3										1.0	3.3
CALM												7.1	
	9.3	27.6	35.3	15.5	4.6	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 624

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47.66-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	.8	.2	.2							2.5	6.6
NNE	.3	1.2	.2									1.3	4.3
NE	.7	2.0	1.0									3.6	5.0
ENE	.5	1.6	1.1	.2	.2							3.6	6.9
E	1.3	4.0	6.0	.8	.3	.2						13.2	7.5
ESE	.5	2.3	2.9	.2								6.0	6.9
SE	.5	2.9	3.4	.7								7.5	7.1
SSE	.3	2.5	3.6	.8								7.2	7.8
S	1.0	5.7	4.1	1.1	.2							12.7	6.6
SSW	.3	1.1	.2	.7								2.3	7.1
SW	.7	1.1	1.1	.7	.5							4.1	8.6
WSW		.7	2.6	1.5	1.1	.5	.2					6.5	12.9
W	.8	4.1	6.2	4.7	1.0	.2						17.0	9.6
WNW		.3	1.1	.2	.3	.3						2.3	11.7
NW	.2	.8	1.1									2.1	6.4
NNW	.2	.3										.5	4.3
VARBL	.5	.7	.2									1.1	4.7
CALM												5.7	
	8.7	33.2	35.8	11.6	3.8	1.1	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 612

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,65-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	1.1									1.9	7.2
NNE	1.9	1.5										3.4	3.6
NE	1.9	3.4	1.5									6.8	4.8
ENE	.8	.4	2.3	.8								4.2	7.3
E	2.3	5.7	6.4	1.9								16.3	6.9
ESE	.4	1.1	2.3									3.8	6.8
SE	1.1	2.3	4.2	.4								8.0	6.5
SSE	.4	3.4	1.9	.4								6.1	6.3
S	1.9	3.8	3.8	.4			.4					9.8	7.3
SSW	.4	.8	.8	.4								2.9	6.8
SW	.4	.8	.4	1.9	.4							3.8	10.3
WSW		.8	2.3	1.1								4.2	9.1
W	.8	6.8	9.1	2.7	1.5							20.3	8.6
WNW		.8	.8									1.5	7.3
NW		.4	1.1									1.5	7.5
NNW			.4									.4	8.0
VARBL													
CALM												5.3	
	11.7	32.6	38.3	9.8	1.9		.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 264

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH JAN
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.2											2.2	3.0
NE	5.4	6.5	3.2	2.2								17.2	6.3
ENE													
E	5.4	8.6	6.5									20.4	5.4
ESE													
SE	5.4	3.2										8.6	3.4
SSE		3.2	2.2									5.4	6.4
S		2.2	2.2									4.3	6.5
SSW													
SW			3.2	1.1								4.3	9.8
WSW													
W	7.5	7.5	15.1	1.1								31.2	6.7
WNW													
NW		3.2										3.2	4.0
NNW													
VARBL													
CALM												3.2	
	25.8	34.4	37.3	4.3								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERRACH
STATION NAME

47
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	8.6	1.2									17.3	4.1
NNE													
NE	2.5	16.0	8.6									27.2	5.4
ENE													
E	4.9	19.8	7.4									32.1	5.4
ESE		3.7										3.7	5.0
SE		4.9	2.5									7.4	6.2
SSE													
S				2.7								2.7	15.0
SSW													
SW													
WSW													
W	2.5			1.2		1.2						4.9	10.5
WNW													
NW													
NNW													
VARBL													
CALM												3.7	
	17.3	32.1	19.8	4.9		1.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 81

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,71
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	2.9	2.9									10.5	4.9
NNE	1.0											1.0	3.0
NE	6.7	9.5	2.9									19.0	4.6
ENE		1.9										1.9	5.0
E	3.8	11.4	5.7	1.0								21.9	5.7
ESE	1.9	1.9	1.0									4.8	4.2
SE		5.7	2.9									8.6	6.7
SSE													
S				4.8								4.8	12.8
SSW		1.0		1.0	1.0							2.9	12.7
SW			1.0									1.0	8.0
WSW			2.9	1.0								3.8	10.3
W	1.0	1.0	1.0	2.9		1.9						7.6	12.6
WNW	1.0	1.0	1.0									2.9	5.0
NW		1.9										1.9	4.5
NNW		1.9	1.0									2.9	6.3
VARBL													
CALM												4.8	
	20.0	40.0	21.9	10.5	1.0	1.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 105

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.5	.7	.5							4.2	7.7
NNE	.2	1.5	.9	.5								3.2	7.6
NE	1.4	2.3	.4									4.6	4.8
ENE	.5	1.0	.5									2.6	4.9
E	1.4	6.3	4.2									11.9	6.2
ESE	.2	2.1	1.1	.9								4.2	7.2
SE	.2	2.8	1.4									4.4	6.3
SSE	.7	2.6	1.9	.5								5.8	6.7
S	1.1	4.9	3.7	1.4	.2							11.2	7.1
SSW	.4	2.5	2.3	.9	.4							6.3	8.1
SW	.2	2.1	1.6	.7	.5			.2				3.3	9.8
WSW		3.0	2.5	1.8	.9	1.1	.2					9.3	11.7
W	1.9	2.6	3.2	3.9	1.2	.4	.7	.2				14.0	11.1
WNW	.2	1.1	.5	.5								2.3	7.6
NW	.5	.5	.5									1.6	5.4
NNW		.9	.7									1.6	6.9
VARBL	.5	.5										1.1	4.2
CALM												6.7	
	10.7	38.9	25.7	11.7	3.7	1.4	.9	.4				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 571

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,6672
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	1.0	.7	.3	.2						3.3	9.7
NNE	.5	1.6	.9	.2	.2							3.3	6.6
NE	1.7	2.1	1.0									4.9	4.6
NNE	.3	1.2	.7									2.3	5.3
E	.5	4.4	5.4	1.2								11.5	7.3
ESE		1.6	2.3	.7								4.3	7.7
SE	.3	3.7	2.6									6.6	6.3
SSE	.9	1.6	2.6	.9								5.9	7.6
S	.7	3.5	6.3	.5	.3							11.4	7.6
SSW	.2	1.2	2.4	.9	.3							5.2	9.9
SW	.2	1.2	2.8	1.4	.9		.2					6.6	10.9
WSW	.2	1.0	2.6	2.1	1.2	.2	.2					7.7	11.8
W	.3	3.1	4.5	3.3	1.0	.7	.2	.3	.2			13.8	11.8
WNW		.9	1.0	.3	.5		.2					3.0	11.4
NW	.2	1.0										1.2	4.7
NNW	.3	.3	.7									1.4	6.3
VARBL		.2										.2	6.0
CALM												7.0	
	7.3	29.0	37.1	12.2	5.1	1.0	.7	.3	.2			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

572

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,06-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.2	.7	.2							5.1	6.7
NNE	.4	.9	1.9	.5								3.7	8.0
NE	1.1	2.8	.4									4.2	4.8
ENE	.2	.7	.9									1.8	6.5
E	1.6	3.0	5.9	3.0								11.7	7.7
ESE		2.3	2.3	.4								4.9	7.3
SE	.2	2.8	3.7	.2								6.9	6.9
SSE	.4	2.1	1.6	1.2	.2							5.5	8.2
S	.4	3.2	4.6	2.5								10.6	8.2
SSW	.5	.9	2.7	.7								4.8	7.9
SW	.2	1.1	1.6	1.2	.4		.5					4.9	11.7
WSW	.4	.9	2.3	4.1	1.8							9.4	12.1
W	.2	2.3	4.1	3.7	3.4	1.4	.2			.2		15.4	13.7
WNW	.2	.4	1.1	.7	.2							2.5	9.6
NW	.2	.9	1.2	.2								2.5	7.4
NNW	.2	.2	1.1									1.4	7.4
VARBL	.4	.4	.2									.9	4.8
CALM												3.9	
	7.6	26.5	34.6	19.1	6.0	1.4	.7		.2			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 566

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,66-72
YEARS

FRB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	1.2	1.1								3.9	7.8
NNE	.4	1.8	2.1	.5								4.8	8.0
NE	.9	2.1	2.0	.7								5.7	6.9
ENE	.2	.7	1.1	.4								2.3	7.5
E	.4	3.4	4.1	2.3								10.2	8.2
ESE	.4	1.2	2.1	.2								3.9	7.1
SE	.7	1.1	2.3	.7								4.8	7.2
SSE	.2	2.3	3.7	1.1	.2	.2						7.7	8.5
S	.7	4.1	4.1	.4	.4							9.6	7.2
SSW		.9	1.4	1.4								3.7	9.5
SW	.5	.4	1.4	.9								3.2	8.1
WSW	.7	1.1	3.0	4.1	1.6	.4	.2					11.1	12.1
W	.7	2.0	3.6	5.0	2.1	.9						14.3	11.9
WNW	.4	1.4	2.1	1.1	.2	.2	.2					5.5	10.0
NW	.2	.7	.5	.2								1.6	7.0
NNW	.2	1.1	.7									2.0	5.8
VARBL	.2		.4									.5	5.3
CALM												5.2	
	7.1	25.3	36.0	2.0	4.5	1.6	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 361

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	1.6									4.1	6.3
NNE	1.2	.8	1.6	.8								4.5	7.0
NE	4.9	6.6	1.6	.4								13.6	4.9
ENE	.4		1.2									1.6	6.8
E	1.6	6.2	6.2	1.2								15.2	6.3
ESE		1.2	1.2									2.3	6.3
SE	.4	2.1	2.1									4.5	6.5
SSE	.4	2.1	2.1		.4							4.9	7.1
S	2.1	2.5	3.7	.8								9.1	7.1
SSW	.8	.4	1.2	1.2	.4							4.1	9.2
SW	.4		1.6	1.2	.4							3.3	10.1
WSW	.4	2.9	2.5	1.2	.4							7.4	7.8
W	.4	1.6	3.7	2.9	1.6	1.2						11.5	12.2
WNW			2.1	.4			.4					2.9	12.7
NW	.8	1.6	1.6									4.1	5.3
NNW	.4	.4	.8									1.6	6.8
VARBL	.4											.4	3.0
CALM												4.5	
	15.2	30.5	35.0	10.3	2.9	1.2	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.8	1.3									12.5	4.8
NNE			1.3									1.3	7.0
NE	3.0	17.5	5.0	1.3								27.5	5.4
ENE													
E	6.3	11.3	5.0									22.5	5.1
ESE	3.6		2.5	1.3								7.5	6.5
SE	1.3	3.5	6.3									11.3	6.7
SSE													
S			2.5	1.3								3.8	9.7
SSW													
SW		2.5		1.3	2.5							6.3	11.6
WSW													
W	2.5		1.3									3.8	4.0
WNW													
Ww													
NNW													
VARBL													
CALM												3.8	
	20.0	43.8	25.0	5.0	2.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 30

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 47
STATION STATION NAME YEARS
ALL WEATHER
CLAS
CONDITION
VAR
MONTH
0000-0200
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	1.1	2.2										3.3	4.0
ENE													
E	3.3	3.3										6.7	3.7
ESE													
SE	3.3	11.1	1.1									15.6	5.1
SSE	1.1	1.1	1.1									3.3	6.0
S	3.3	17.8	2.2	1.1								24.4	5.5
SSW		1.1										1.1	4.0
SW	3.3	3.3	4.4	2.2								13.3	6.5
WSW		1.1		1.1								2.2	8.5
W	2.2	2.2	6.7	4.4	5.6							21.1	11.1
WNW					1.1							1.1	17.0
NW			2.2	2.2								4.4	11.5
NNW													
VARBL													
CALM												3.3	
	17.8	43.3	17.8	11.1	6.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47,71 MONTH MAR
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N		4.4	2.2								6.6	6.1
NNE	.7	1.5	2.9	1.5							6.6	7.8
NE	.7	1.5	.7								2.9	5.0
ENE	.7	2.2	.7								3.7	5.8
E		4.4	1.5								5.9	5.8
ESE												
SE	1.5	5.1	2.9								9.6	5.5
SSE			.7								.7	8.0
S	2.9	9.6	4.4	.7							17.6	5.6
SSW	.7	1.5	.7	.7							3.7	6.2
SW	1.5	5.1	2.9	2.2	1.5						13.2	8.1
WSW	.7										.7	2.0
W	1.5	4.4	6.6	3.7	.7	.7					17.6	9.3
WNW	.7	1.5									2.2	4.0
NW		.7	.7	2.2							3.7	10.6
NNW												
VARBL	.7					1.5					2.2	16.3
CALM											2.9	
	12.5	41.9	27.2	11.0	2.2	2.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 136

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMAN, CATTERBACH YEARS 47,66-72 MONTH MAR
CLASS ALL WEATHER HOURS (LST) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	1.7	.2								4.1	6.6
NNE	.2	1.5	2.4	.3								4.6	7.9
NE	.2	1.7	2.4	.3								4.6	7.3
ENE		1.4	1.8	.3								3.5	7.8
E	.2	1.8	3.5	1.7								7.3	8.4
ESE	.2	.2	.5	.3	.2							1.4	9.1
SE	.2	1.4	1.5	.2								3.2	6.6
SSE	.2	1.5	2.1	.3								4.3	7.3
S	.8	3.8	3.9	.2								8.5	6.6
SSW	.8	2.6	1.4	.8	.3	.2						5.9	7.7
SW	1.7	1.8	.8	.6	.6	.2						5.6	7.2
WSW	.5	1.1	2.9	2.1	.8	.3	.2					7.8	11.2
W	2.0	7.0	6.4	7.0	2.3	.6						38.1	11.2
WNW	.2	1.1	.5	1.2								1.2	6.3
NW	.2	.8	.5	.2								1.2	6.3
NNW	.2	1.2	.3	.2								1.2	6.3
VARBL		.2	.2		.2	.3						1.2	6.3
CALM													
	7.8	31.0	32.5	15.7	4.3	1.5	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 658

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47, 66-72 MONTH MAR
CLASS ALL WEATHER 0900-1100
CONDITION NOBS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	1.4	.3								3.8	6.6
NNE	.3	1.5	2.6	.5								5.1	7.7
NE	.2	.9	1.8	.3								3.2	6.4
ENE	.2	.6	1.2	.8								2.8	8.9
E	.5	2.0	2.6	2.3								7.4	8.9
ESE	.2	.9	2.0	.5								3.5	7.9
SE	.2	2.0	1.8	.2								4.1	6.9
SSE	.6	.6	1.2	.8								3.4	8.4
S	1.2	3.2	3.5	1.5								9.5	7.3
SSW	.5	.6	.8	1.5	.3							3.7	9.8
SW	.6	.8	1.6	2.9	1.2	.2						7.5	12.0
WSW	.2	1.2	2.6	2.9	1.8	.6						9.4	12.8
W	.9	3.4	8.3	7.8	2.3	.2	.2					23.2	10.9
WNW	.3	.6	1.4	1.5	.3							4.1	10.6
NW		.6	.3	.2								1.2	8.6
NNW		.3	.9	.2								1.4	8.8
VARBL	.2	.2	.8	.2								1.2	7.9
CALM												5.5	
	6.0	21.6	35.3	24.4	6.0	1.1	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 652

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 47.65-72
STATION NAME YEARS
CLASS ALL WEATHER
CONDITION
VAR NORTH 1200-1400
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	2.0	.9	.2	.2						5.1	8.3
NNE	.3	1.5	1.2	.6								3.7	7.6
NE	.3	1.1	1.2	.3	.2							3.1	8.0
ENE	.2	1.1	1.7	.6								3.6	8.4
E	.3	1.4	3.3	1.2	.2	.2						6.7	8.9
ESE	.2	.8	.5	.8								2.2	8.2
SE	.8	.9	2.2	1.1								5.0	8.2
SSE	.2	.8	1.2	.3								2.3	7.2
S	.8	2.2	2.3	1.2								6.5	7.8
SSW	.5	.5	.8	1.4	.2	.2	.2					3.6	11.4
SW		.3	.8	1.5	.5	.3						3.4	13.6
WSW	.2	1.1	2.2	3.7	2.5	1.5						11.1	14.6
W	.9	1.9	6.2	10.7	4.2	1.9	.2					23.9	13.0
WNW		1.1	1.5	1.1	.5	.2						4.3	10.8
NW		.3	.6	.9	.3							2.2	11.9
NNW	.3	.9	1.1	.2	.2							2.6	7.8
VARBL	.6	.3	.9	.8			.2					2.8	9.3
CALM												5.9	
	6.3	17.2	29.7	27.4	8.7	4.3	.5					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 646

DATA PROCESSING BRANCH
RTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERFACH
STATION NAME

47,6672
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.9	.6	.2	.2						5.4	7.4
NNE	.5	2.4	2.2	.5		.2						6.1	7.0
NE	.3	1.3	.8	1.0		.3						3.7	9.1
ENE	.2	1.3	1.3	1.1								3.8	8.8
E	.3	1.6	2.1	1.6	.2							5.9	8.5
ESE	.2	1.9	1.0	.3								3.3	6.5
SE	.2	1.4	2.6	.2								4.3	7.0
SSE	.3	.3	1.4	.6								2.7	8.9
S	.3	2.1	2.2	1.1	.5							6.2	8.8
SSW	.2	.3	.5	1.0	.5	.3	.2					2.9	14.7
SW		.3	1.0	2.1	.6	.3						4.5	14.2
WSW		.3	2.4	3.7	1.9	.8	.3					9.4	14.7
W	.3	1.8	7.2	10.4	2.2	1.3	.3					23.4	12.9
WNW	.2	1.4	2.1	2.2	.3							6.2	9.6
NW	.2	1.0	1.8	.6	.5							4.0	9.6
NNW	.2	.6	.8	.6	.2							2.4	9.3
VARBL	.2	.2	.3	.3								1.0	8.7
CALM												4.8	
	5.3	19.3	31.4	27.9	7.0	3.5	.8					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 627

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,66-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1									3.2	5.0
NNE	1.1	2.9	2.5	.4								6.8	6.3
NE	1.4	1.4	1.1		.4							4.3	6.2
ENE	.4		.7	.4	.4							1.8	10.8
E	2.2	2.2	1.8	.4								6.5	5.7
ESE		1.1										1.1	5.3
SE	.7	1.8	3.2									5.7	6.4
SEF		1.1	.7	.7								2.5	8.6
S	1.8	1.1	2.9	1.4								7.2	7.1
SSW		.4	.7	.4	.4							1.8	10.4
SW		1.4	4.3	2.2		.4	.4					8.6	10.8
WSW	.4	1.8	2.9	2.9	.4	1.4	.4					10.0	12.5
W	1.1	2.2	8.6	8.2	1.1	2.9						24.0	11.9
WNW	.4	1.8	1.1	.4								3.6	6.2
NW	1.1	1.4	.7	1.1								4.3	6.6
NNW	.7	1.1	.4	.7								2.9	7.4
VARBL	.4											.4	2.0
CALM												5.4	
	12.5	22.6	32.6	19.0	2.5	4.7	.7					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

279

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 47 MONTH MAR
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2										3.2	4.3
NNE													
NE	4.3	1.1										5.4	3.2
ENE	1.1											1.1	3.0
E	6.5	3.2										9.7	3.3
ESE													
SE		3.2	6.5									9.7	7.2
SSE		3.2										3.2	4.7
S	1.1	7.5	5.4	1.1								15.1	6.7
SSW		1.1	1.1									2.2	6.0
SW	2.2	3.2	5.4	1.1								11.8	7.0
WSW			1.1									1.1	7.0
W	3.2	3.2	3.2	4.3	3.2	1.1						18.3	10.8
WNW				2.2								2.2	14.5
NW	1.1		2.2	2.2	1.1							6.5	10.7
NNW	1.1	3.2										4.3	3.3
VARBL													
CALM												6.5	
	21.5	31.2	24.7	10.8	4.3	1.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 93

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.2	1.1								2.6	8.4
NNE													
NE	2.2	2.2										4.4	2.2
ENE													
E		4.4	1.1									5.6	5.2
ESE													
SE			1.1	1.1								2.2	11.0
SSE		1.1	1.1									2.2	6.5
S	3.3	7.8	3.3	3.3								17.8	6.3
SSW													
SW	1.1	3.3	3.3									7.8	6.4
WSW	1.1				1.1							2.2	10.0
W	2.2	14.4	4.4	4.4	4.4	1.1						21.1	8.9
WNW	3.3											3.3	3.0
NW		1.1	1.1									2.2	7.0
NNW													
VARBL													
CALM												15.6	
	14.4	35.6	17.8	10.0	5.6	1.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 91

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 47 APR
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0200-0500
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.3		1.1								6.7	5.0
NNE													
NE	6.7	3.3	1.1									11.1	4.0
ENE													
E	1.1	3.3	1.1									5.6	4.6
ESE													
SE													
SSE		1.1										1.1	5.0
S	1.1	3.3	6.7	2.2								13.3	8.1
SSW	1.1											1.1	3.0
SW	3.3	6.7	1.1	2.2		2.2						17.8	8.3
WSW													
W	10.0	12.2	6.7	3.6	4.4							38.9	8.0
WNW		1.1										1.1	4.0
NW		1.1										1.1	5.0
NNW													
VARBL													
CALM												2.2	
	25.0	37.0	16.7	11.1	4.4	2.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47.66-70.72
TIME

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.2	.9	.2							4.6	8.3
NNE		2.8	4.0	1.1								7.9	7.8
NE	.5	2.1	.9	.2								3.7	5.6
ENE	.4	1.1	1.8	.5								3.7	7.4
E	.5	1.2	.4									2.1	5.0
ESE	.9	.9	.5									2.3	5.2
SE	.2	1.8	.4	.2								2.3	5.9
SSE	.7	1.4	.4	.5								3.0	6.8
S	1.2	4.7	2.6	.5								9.1	6.3
SSW	.4	1.9	1.8	1.1	.2							5.3	8.0
SW	.2	2.5	2.6	2.6	.4	.2						8.4	9.8
WSW	.5	1.6	3.5	2.3	.7	.4						6.9	10.4
W	2.5	4.7	5.4	4.9	.9	.2						18.6	8.9
WNW	.5	.7	1.4	1.4	.4							4.4	9.9
NW	.4	.4	.9	.9								2.3	9.0
NNW	.4	1.2		.2								1.9	5.5
VARBL	.2											.2	3.0
CALM												11.4	
	9.8	30.6	27.7	17.2	2.6	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,66-70,72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.9	2.1	1.2								5.5	8.1
NNE	.5	1.2	2.6	1.1								5.5	8.1
NE	.7	1.6	1.2	.5	.2							4.2	7.5
ENE		.2	2.8	.2	.2							3.4	8.6
E		.5	3.4	1.1	.5	.2						5.6	10.8
ESE	.2	.7	.5	.2								1.6	7.2
SE	.2	1.2	.9	.5								2.8	7.1
SSE	.5	1.8	.5									2.8	5.2
S	1.4	2.1	1.9	.9		.2						6.5	7.4
SSW	.4	.9	1.4	1.6								4.2	8.9
SW	.4	1.2	3.2	2.3	.7	.2						7.9	10.8
WSW	.3	.5	4.1	3.9	1.4	1.2	.2					11.8	13.3
W	1.8	3.7	3.8	4.6	3.4	1.1						20.3	10.9
WNW	.2	1.2	2.1	1.4								4.9	9.1
NW	.2	.5	1.1	1.1								2.8	9.3
NNW		.7	1.4	.9								3.0	9.9
VARBL													
CALM												7.1	
	7.1	20.1	35.1	21.3	6.3	2.8	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 367

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66-70,72 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.6	1.2	.2							6.0	8.9
NNE	.4	.9	2.8	1.2	.2							5.4	9.1
NE	.5	.9	.7	.7		.2						3.0	8.3
ENE		1.4	1.1	1.2								3.7	9.0
E	.7	1.4	2.3	2.6	.4							7.4	9.5
ESE		.5	.9	.7								2.1	9.1
SE		.9	.7	.2								1.8	7.4
SSE	.2	.5	.9	.2	.2							1.9	8.5
S	.7	1.8	1.9	1.4	.4							6.2	8.8
SSW	.2	1.1	.7	.7	.7							3.3	10.3
SW	.7	1.9	2.3	1.6	.2	.2	.5					7.4	10.1
WSW	.2	1.1	2.1	4.6	1.6		.2	.2				9.8	13.3
W	.5	3.0	5.1	8.3	3.5	1.8	.4					22.5	13.1
WNW	.2	1.6	.5	2.3	.2							4.7	10.0
NW		1.1	2.6	1.2								4.9	9.4
NNW	.5	1.4	1.1	.7	.2							3.9	7.7
VARBL	.5	.7		.2								1.4	4.9
CALM												4.6	
	5.4	21.6	28.5	29.0	7.6	2.1	1.1	.2				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 369

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47,66N 70,72
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	3.0	1.6								7.2	8.1
NNE	.4	.9	3.5	1.6	.4							6.7	9.3
NE		1.2	2.3	1.2	.4							5.1	9.2
ENE		.5	.7	.5	.4	.2						2.3	11.6
E	.7	1.1	1.9	1.4	.4							5.4	8.7
ESE		1.2	.4	.4								1.9	7.4
SE	.5	.4	.5	.2	.2							1.8	7.1
SSE		.2	.5									.7	8.8
S	.4	1.2	1.8	1.1	.5	.2						5.1	9.6
SSW	.2	.5	1.1	.5								2.3	8.0
SW	.4	.9	2.3	1.4	.2							5.1	9.5
WSW		.7	3.5	4.6	1.2	.2	.2					10.4	12.8
W	.5	1.8	6.6	8.2	3.7	1.9						23.2	12.5
WNW		1.1	1.4	2.3	.4		.2					5.3	11.6
NW	.5	.9	1.8	1.2	.2							4.6	9.1
NNW	.7	.9	1.8	.5								2.9	7.6
VARBL	1.2	.4										1.6	2.9
CALM												7.9	
	6.1	15.0	33.2	26.7	7.7	2.5	.4					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

570

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GER 144Y/KATTERBACH 47,66-70,72 APR
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.4	1.8	1.0	1.8								5.7
NNE	1.8	1.4	2.5	1.1	.4							7.1
NE	2.1	.7	.7	.4								3.9
ENE		1.1	1.4	.4	.7							3.6
E	1.1	4.5	1.8	.4								7.9
ESE	.7	.7	.4									1.8
SE	.4	1.8	.4	.4								2.9
SSE	.4	.4	.4									1.1
S	.4	.7	2.5	.4								3.9
SSW		.4	.7	1.1	.4							2.3
SW	1.1		2.1	2.5	.7							6.4
WSW	.7	1.4	2.5	.7								2.4
W	1.1	5.4	9.6	6.8	3.2	.7						26.8
WNW	.7	2.5	1.4	1.1		.4						6.1
NW	.4	1.8	1.4	1.4								3.0
NNW	.4		.4	.4								1.1
VARBL	.7											.7
CALM												8.2
	12.1	24.0	30.0	18.6	3.4	1.1						100.0

TOTAL NUMBER OF OBSERVATIONS 280

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 47 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS
2100-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.1									2.2	6.5
NNE													
NE	3.3	6.7										10.0	4.1
ENE													
E	3.3	2.2										5.6	4.2
ESE													
SE		3.3	3.3									6.7	6.5
SSE			1.1									1.1	7.0
S	2.2	2.2	5.6	1.1								11.1	7.0
SSW													
SW		3.3		1.1	2.2							6.7	10.7
WSW													
W	5.6	8.9	13.3	3.3	2.2							33.3	8.0
WNW				2.2								2.2	14.5
NW	2.2	1.1	3.3	3.3								10.0	8.6
NNW													
VARBL													
CALM												11.1	
	16.7	26.9	27.8	11.1	4.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46.47 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (LST)

SPEED (KNTS) DIR	1-3	4	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	5.6	9.2	3.7									19.5	5.0
ENE													
E	9.3	3.6	3.7	1.9								20.4	5.4
ESE													
SE	7.4	7.4	7.4									22.2	4.9
SSE													
S			1.9									1.9	10.0
SSW			1.9									1.9	10.0
SW	1.9	1.9	1.9	1.9								7.4	6.3
WSW													
W	1.9	1.9	3.7	1.9								9.3	8.4
WNW													
NW		3.7										3.7	4.5
NNW													
VARBL													
CALM												14.8	
	25.9	29.6	24.1	3.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 54

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46-47 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.1	2.0	2.0									7.1	5.3
NNE	1.0	7.1	2.0									10.2	5.1
NE	3.1	8.2	2.0									13.3	4.5
ENE													
E	9.2	2.0	4.1	1.0								16.3	5.1
ESE													
SE	7.1	1.0	1.0									9.2	3.3
SSE													
S													
SSW			1.0									1.0	10.0
SW	3.1	4.1	2.0									9.2	5.1
WSW	1.0		1.0									2.0	4.5
W	1.0	5.1		3.1								9.2	7.2
WNW	1.0											1.0	3.0
NW	1.0											1.0	2.0
NNW			1.0									1.0	9.0
VARBL													
CALM												19.4	
	30.6	29.6	6.3	4.1								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 93

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47,56-70,72
YEARS

VAY
NORTH

ALL WEATHER
CLASS

0600-0800
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN WIND SPEED
N	1.1	1.8	.7									3.6	4.8
NNE	.5	3.1	2.0	1.0								6.6	7.0
NE	2.0	2.5	.8									5.4	4.5
ENE	.7	1.6	.7	.3								3.3	6.5
E	2.5	3.0	2.3	.7	.3							8.5	6.8
ESE		1.5	.5	.3								2.3	6.9
SE	1.5	1.1	1.0	.2								3.8	5.1
SSE	.5	2.0	.5									3.0	5.0
S	1.5	3.8	1.0									4.2	4.9
SSW	.2	.7	1.5	.3	.2							3.3	8.1
SW	.5	1.5	2.8	1.5								6.2	8.6
WSW	1.0	2.3	3.3	1.5	.7							8.7	8.5
W	1.5	5.3	7.9	2.1	.5							17.2	8.0
WNW	.3	1.3	2.5	.2								4.3	7.3
NW	.5	.7	.8	.3								2.3	7.1
NNW	.2	.7	1.3									2.1	7.3
VARBL	.2	.2										.3	3.5
CALM												12.8	
	14.6	33.0	29.6	8.4	1.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

609

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47.66-70.72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	1.1	.3								5.4	5.5
NNE	.5	1.3	.3	.2								2.3	5.2
NE	.6	1.8	1.3	.5								4.2	7.0
ENE	.8	1.1	1.1	.5	.2							3.7	7.3
E	1.5	2.3	3.9	1.9	.2							9.7	8.2
ESE		1.0	2.4	.6	.2							4.4	9.1
SE	.4	1.8	1.8	.3								4.7	6.3
SSE	1.0	1.0	1.5									3.4	5.9
S	.8	2.3	2.8	.3								6.2	6.5
SSW	.2	.8	1.3	.3	.2							2.8	8.2
SW	.3	.5	2.3	1.3	.2	.3						4.9	10.8
WSW	.5	.8	4.4	2.6	.5	.2						8.9	10.2
W	.5	3.9	8.9	4.4	1.1	.5						19.3	9.9
WNW	.5	.8	1.9	1.9								5.2	8.7
NW	.6	.8	1.3	.8								3.6	8.0
NNW	.2	.6	.5	.5								1.8	8.2
VARBL	.3	.2	.3	.2								1.0	6.8
CALM												8.6	
	10.7	23.2	37.2	16.9	2.4	1.0						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 616

1
DATA PROCESSING BRANCH
ETAC, USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47, 66-70, 72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.9	.3								5.0	6.7
NNE	.3	2.0	1.5	.3								4.9	5.3
NE	.3	1.9	1.5	.5								4.2	6.8
ENE	.2	1.1	1.0	1.0	.2							3.7	8.8
E	.6	1.5	3.7	2.4								8.4	8.8
ESE	.8	1.1	1.8	.6	.3							4.7	7.8
SE	.6	1.3	1.5	.5								3.9	7.0
SSE	.2	1.9	.3	.3								3.2	6.2
S	.3	1.8	2.4	.2								4.7	7.0
SSW		1.5	1.0	.5								2.9	7.8
SW	.6	.6	2.1	1.0	1.0							5.4	10.2
WSW	.2	1.5	2.4	4.2	.5	.6						9.4	12.1
W	1.0	2.6	4.9	5.4	2.1							15.9	10.8
WNW	.5	1.1	2.6	2.4	.6							7.5	10.3
NW	.2	1.5	1.1	1.3	.2							4.2	8.7
NNW	.3	1.1	1.5	.5	.2							3.6	8.1
VARBL	.2	.2	.5	.3								1.1	8.4
CALM												7.1	
	7.1	26.0	32.3	21.8	5.0	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTEBACH
STATION NAME

46-47,66-70,72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	1.1	2.1	2.3	1.0								6.5	7.0
NNE	.5	1.0	3.4	.5								5.7	7.4
NE	.6	1.3	2.3	.5	.2							4.9	7.1
ENE	.2	.8	2.1	.6	.2							3.9	8.6
E	1.0	2.1	3.4	2.1	.3							8.9	8.6
ESE	.2	.0	1.1	.3	.2							2.4	8.3
SE	.2	1.6	1.8	.3								3.9	7.1
SSE	.2	1.6	.8	.2								2.8	6.6
S	.8	1.3	2.6	.3	.3							5.4	7.5
SSW	.3	1.0	1.8	.3	.2							3.7	8.1
SW	.6	.5	1.1	.8	.5							3.6	9.2
WSW	.3	1.1	2.1	2.1	1.1	.3						7.1	11.8
W	.5	4.1	6.8	5.7	1.6	.3						19.0	10.6
WNW		1.3	2.4	1.9	.6							6.8	10.1
NW	.2	1.1	1.8	1.3								4.4	8.7
NNW	.6	1.0	1.1		.2							2.9	6.8
VARBL	.5	.2										.6	3.3
CALM												7.5	
	8.1	23.2	37.0	18.2	3.4	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47, 66-70, 72
YEARS

MAY
MONTH

ALL WEATHER
CLAS

1800-2000
HOURS (LST)

COND'TION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.3	2.6	.3								10.4	5.6
NNE	.7	2.1	2.1	1.7								6.6	8.2
NE	1.7	2.4	1.7	.7								6.6	6.1
ENE	.3	.3	1.7	.3								2.3	7.6
E	2.1	2.4	5.2	1.0								10.7	7.1
ESE	.3	2.1	.7	.7								3.8	7.5
SE	.3	1.0	1.4	.3								3.1	7.1
SSE	.3	1.0	1.0									2.4	6.4
S		3.1	1.7									4.3	6.2
SSW		.3	.7									1.0	7.0
SW	.3	1.0	.7	.7								2.8	8.2
WSW		1.7	1.0	2.4	.3							5.3	9.7
W	1.0	3.1	5.2	6.2	.7							16.3	9.9
WNW		1.4	4.3	.3	.3							6.6	8.7
NW	.3	1.0	1.0	.3								2.8	7.3
NNW	.3	1.4	1.0									2.3	6.6
VARBL													
CALM												11.1	
	10.7	29.1	32.5	15.2	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 289

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 4647 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLAS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.1	2.1										4.2	4.0
NE	4.2		6.2									10.4	7.0
ENE	2.1											2.1	3.0
E	8.3	6.2	16.7	2.1								33.3	6.6
ESE													
SE	2.1	6.2										10.4	4.2
SSE													
S	2.1	4.2										6.2	4.0
SSW													
SW		4.2										4.2	4.5
WSW													
W	4.2	2.1	2.1	2.1								10.4	7.0
WNW													
NW													
NNW													
VARBL													
CALM												18.7	
	25.0	27.1	25.0	4.2								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 48

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY
STATION NAME

TERBACH

46
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2		2.3								4.7	9.0
NNE	2.3	4.7	3.5									10.5	5.3
NE	1.2	2.3										3.5	4.3
ENE													
E													
ESE													
SE	1.2	3.5										4.7	3.8
SSE	1.2	1.2										2.3	4.5
S	2.3	2.3	1.2									5.8	4.4
SSW		2.3										2.3	5.0
SW	4.7	10.5	4.7									19.8	5.2
WSW	2.3	3.5										5.8	4.4
W	4.7	10.5	8.1	1.2								24.4	5.7
WNW	1.2											1.2	3.0
NW	1.2				1.2							2.3	9.5
NNW													
VARBL													
CALM												12.8	
	23.2	41.9	17.4	3.5	1.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 86

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71-72 JUN
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (LST)

SPEED (KNTS/ DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5										3.0	3.5
NNE	.7	3.7	.7									5.2	3.6
NE	2.2	3.7	.7									6.7	4.7
ENE	1.5	.7										2.2	2.0
E	1.5	1.5										3.0	3.8
ESE													
SE		1.5										1.5	5.0
SSE		.7										.7	4.0
S	4.4	6.7										11.1	3.9
SSW	1.5	5.2	1.5	.7								8.9	5.6
SW	1.5	10.4	3.0	.7								15.6	5.5
WSW		2.2	3.0	1.5								6.7	8.4
W	3.0	7.4	3.7	5.2								19.3	7.8
WNW	.7	.7	2.2		.7							4.4	8.5
NW				1.5								1.5	14.0
NNW													
VARBL	.7			.7	.7							2.2	12.0
CALM												8.1	
	19.3	45.9	14.8	10.4	1.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 135

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
6600-0800
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.6	2.3	2.1	1.0								6.2	7.4
NNE	1.3	2.9	2.9	.6								7.9	6.3
NE	1.0	2.4	.5	.6								4.5	5.8
ENE	.3	1.3	1.3	.3								3.4	7.0
E	.6	1.5	1.3	.2								3.7	6.0
ESE	1.0	.8	.3									2.1	4.2
SE	.2	1.3	.5									1.9	5.5
SSE	1.0	1.9	.8									3.7	5.0
S	1.3	1.6	1.3	.3								4.5	5.8
SSW	.5	1.3	1.6	.5								3.9	7.1
SW	.6	2.8	3.2	.8								7.5	7.0
WSW	.8	2.6	2.6	.8								6.8	7.1
W	1.5	5.3	9.2	2.8	.6							19.4	8.3
WNW	.5	1.9	1.8	.3								4.5	6.7
NW	.3	.3	.8	.2	.2							1.9	7.9
NNW	.3	1.1	.3	.2								1.9	5.8
VARBL	.5	1.1	.5	.6	.5							3.2	9.0
CALM												12.8	
	12.6	32.7	31.1	9.4	1.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 617

1

DATA PROCESSING BRANCH
RTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	1.9	1.4	.2							6.4	7.9
NNE	.3	1.1	2.1	.5								4.0	7.9
NE	.5	1.4	1.6	.8								4.3	7.2
ENE	.5	1.3	1.8	1.3								4.8	8.3
E	1.3	1.1	1.9	1.4	.2							5.9	7.9
ESE		1.1	.5	.2								1.8	7.0
SE	.3	.8	1.3									2.4	6.3
SSE		1.0	.6									1.6	6.6
S	.8	1.9	2.7	.3								5.8	6.8
SSW		1.0	1.1	.5								2.8	8.4
SW	1.3	1.6	2.1	1.1	.2							6.2	7.4
WSW	1.1	1.4	2.8	1.6	.2	.2						8.3	8.8
W	.6	4.2	6.3	4.8	.8							18.7	9.5
WNW	.8	1.9	3.0	1.3	.3							7.4	8.4
NW	.5	.5	1.1	.6	.3							3.0	9.4
NNW	.5	1.1	1.4	.3								3.4	6.7
VARBL	.8	1.6	1.8	1.1	.3							5.6	8.2
CALM												7.8	
	9.9	25.3	37.1	17.3	2.4	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 625

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GER ARY/KATTERBACH YEARS 46, 66-72 MONTH JUN
CLASS ALL WEATHER HOURS (LST) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	3.1	1.3	.3							7.7	8.0
NNE	.2	1.8	2.4	.5								4.9	7.8
NE	1.0	1.1	1.0	.7								3.8	7.0
ENE		.3	1.0	.5	.3							2.1	10.5
E	.2	1.1	2.4	1.5	.5							5.7	9.7
ESE	.2	.5	1.0	.2								1.8	7.5
SE	.7	.0	.7	.3								2.4	6.7
SSE	.3	1.0	1.3									3.3	6.2
S	.7	2.0	1.3	.5								4.4	6.2
SSW	.2	.5	2.3	.7								3.6	9.1
SW	.5	2.0	2.1	1.3								5.9	7.7
WSW	.2	1.0	2.8	2.6	.2							7.3	9.6
W	.7	4.2	8.6	8.5	1.1							21.2	9.8
WNW	.2	1.3	2.6	2.3	.2	.3						6.9	10.4
NW	.2	.3	1.8	1.5								3.8	9.4
NNW	.3	.8	.7	1.1	.2							3.1	9.1
VARBL	1.1	.8	2.6	1.0								5.5	7.7
CALM												6.7	
	6.0	22.2	37.7	22.3	2.8	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 613

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 JUN 1300-1700
STATION STATION NAME YEARS MONTH HOURS (LST)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	3.5	1.0	.2							6.9	7.9
NNE	.8	2.3	1.7	1.2	.2							6.2	7.8
NE	.5	1.0	1.0	.7	.2							3.2	8.6
ENE		1.7	.8	.8	.3							3.7	8.7
E	.7	2.0	1.6	1.0	.2	.2						5.9	8.3
ESE	.2	.4	.3	.3								1.7	7.1
SE		.7	.3									1.0	5.8
SSE	.7	.7	.8	.2								2.3	5.7
S	.5	1.2	1.3	.3	.2							2.5	7.6
SSW	.2	.6	1.3	.2								2.3	7.3
SW	.7	1.7	2.0	1.5								5.9	8.3
WSW		2.0	2.2	1.7	.5							6.4	9.7
W	.3	3.2	10.7	7.5	.7	.2						22.6	10.1
WNW	.5	2.3	2.8	2.3								8.0	8.3
NW	.5	1.2	2.0	.7								4.3	8.0
NNW	.3	2.2	2.3	.7								5.5	7.3
VARBL	1.3	1.0	.3	.7								3.3	6.1
CALM												7.2	
	8.0	25.9	35.5	20.7	2.3	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 598

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 66-70, 72 MONTH JUN
CLASS ALL WEATHER PERIOD 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.7	2.7	1.1	.4							11.0	7.1
NNE	.6	1.1	2.3	.8								4.9	7.6
NE	.4	.8	1.1	.4								2.7	7.0
ENE	.8	1.5	1.1	.4								3.8	6.6
E	1.1	1.1	.4	.8								3.4	6.4
ESE		1.5	.4									1.9	6.0
SE		.8	1.1									1.9	7.4
SSE				.4								.4	11.0
S	1.5	3.0	.4									4.9	4.5
SSW	.4	.8	.4									1.5	5.5
SW	.4	1.5	3.0									4.9	7.2
WSW	.4	2.3	.8	1.5	.4							5.3	8.7
W	.4	5.7	8.4	8.0	.4	.4						23.2	9.7
WNW	.8	1.5	3.8	1.1								7.2	8.1
NW	1.9	5.3	.8	.4								8.4	4.9
NNW	.4	2.3	2.7	.4								5.7	6.6
VARBL													
CALM												8.7	
	10.3	35.0	29.3	15.2	1.1	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 263

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	1.5	2.9								5.9	11.5
NNE	2.9		1.5	1.5								5.9	6.8
NE	1.5	4.4	1.5									7.4	4.6
ENE													
E	1.5											1.5	3.0
ESE	1.5											1.5	2.0
SE	1.5											1.5	3.0
SSE	1.5											1.5	3.0
S	1.5	1.5										2.9	3.5
SSW													
SW	5.9	19.1	2.9	1.5								29.4	5.0
WSW		4.4										4.4	3.0
W	4.4	7.4	2.9		1.5							16.2	6.3
WNW													
NW	4.4	1.5										5.9	3.0
NNW													
VARBL													
CALM												16.2	
	26.5	39.7	10.3	5.9	1.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 68

1 DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.2	8.0	3.4									20.7	4.5
NNE		1.1										1.1	4.0
NE	3.4											3.4	3.0
ENE													
E	1.1		1.1									2.3	5.0
ESE		1.1										1.1	4.0
SE	1.1	3.4	3.4									8.0	6.3
SSE	1.1	2.3										3.4	4.3
S	1.1	2.3										3.4	4.3
SSW		2.3										2.3	5.0
SW	1.1	6.9										8.0	3.0
WSW		2.3	2.3									4.6	6.8
W	9.2	10.2	3.4	1.1								24.1	4.9
WNW													
NW	4.6	2.3	1.1									8.0	4.0
NNW			1.1									1.1	7.0
VARBL													
CALM												8.0	
	32.2	42.5	16.1	1.1								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 87

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 4671 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.3	2.3	.8								13.3	5.2
NNE	2.3	3.9	3.1									9.4	5.6
NE	1.6	.8	.8									3.1	4.5
ENE													
E	.8	.8										1.6	3.5
ESE		2.3										2.3	5.0
SE	.8	2.3										3.1	5.3
SSE	.8	1.6										2.3	4.7
S	2.3	4.7	1.6									8.6	5.2
SSW													
SW	6.3	3.9										10.2	3.5
WSW	.8	2.3	2.3									5.3	6.0
W	5.5	8.6	3.1									17.2	4.7
WNW	.8	.8										1.6	3.5
NW	2.3	.8	3.9									7.0	5.6
NNW	.8	.8										1.6	4.0
VARBL	1.6	.8										2.3	3.0
CALM												10.9	
	30.5	40.6	17.2	.8								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 128

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	1.5	.3								5.1	6.4
NNE	.2	1.3	2.6									4.3	6.8
NE	.7	1.5	.7	.2								3.0	5.6
ENE		.5	.2	.3								1.0	7.5
E	.7	2.3	.8									3.8	5.2
ESE	.8	2.1	.5									3.5	4.8
SE	.2	1.0	.8									2.0	3.8
SSE	.7	1.3	.8									2.8	5.2
S	1.3	3.8	1.8	.3								7.2	5.8
SSW	1.0	2.1	.7	.2								4.0	5.0
SW	1.0	3.5	2.5	.3								7.4	5.2
WSW	1.0	3.5	2.3	1.5	.2							8.4	7.5
W	1.8	7.6	6.6	2.1								18.3	7.1
WNW	.2	2.1	1.0	1.0								4.3	7.6
NW	.5	.7	1.3	.3								2.8	7.0
NNW		1.8	.7									2.5	6.1
VARBL	.3	1.0	.3	.2								1.8	5.7
CALM												18.0	
	10.9	38.9	25.2	6.9	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 607

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 66-72 MONTH JUL
CLASS ALL WEATHER HOURS (L S T.) 0900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.7	2.5	.2								7.0	6.4
NNE		.8	1.3	.2								2.2	7.4
NE	.2	1.3	1.3	.2								2.9	7.1
ENE	.3	.5	1.0	.2								1.9	6.9
E	.5	2.5	2.9									5.9	6.5
ESE	.6	1.0	1.6	.6								4.0	7.4
SE	.8	1.0	.8									2.5	5.0
SSE	.3	1.6	1.1									3.0	6.5
S	1.1	3.0	2.4	.3								6.6	6.3
SSW	.5	1.0	1.7	.3								3.5	7.0
SW	.6	.6	2.7	1.7	.5							6.2	9.7
WSW	.5	.8	4.0	1.7	.2							7.2	9.0
W	.3	4.0	9.7	4.3	.6							18.9	9.1
WNW	.5	2.2	4.0	2.4								9.1	8.6
NW	.6	.8	1.0	.2								2.5	6.3
NNW	.3	1.0	.8									2.1	5.6
VARBL	1.1	1.1	2.5									4.8	6.4
CALM												9.5	
	9.1	26.7	41.2	12.2	1.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 629

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 36172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	1.6	.2								5.8	5.7
NNE	.2	1.3	1.2	.3								3.0	7.1
NE		1.5	1.2									2.6	6.9
ENE			1.3	.2								1.5	8.7
E	.3	1.5	2.3	.7								4.8	7.4
ESE	.2	.7	1.2	.3								2.3	8.1
SE		.8	1.3	.2								2.9	7.9
SSE	.5	1.2	.8	.3								2.8	6.5
S	1.0	2.1	1.8	.5								5.4	6.5
SSW		.8	1.5	.5	.2							3.0	9.1
SW	.5	.2	1.8	1.2	.3	.3						4.3	11.3
WSW	.5	2.6	3.0	2.1								8.2	8.5
W	.7	4.8	11.0	4.9	2.3	.3						24.0	9.8
WNW		1.8	4.1	2.3	.3							8.6	9.7
NW	.7	2.0	2.8	1.2		.2						6.7	8.0
NNW	.2	1.0	.3									1.5	6.4
VARBL	1.0	1.3	3.8	.3								6.4	7.1
CALM												6.9	
	6.4	26.6	41.0	15.1	3.1	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 608

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,6672
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.6	3.2	.7								8.3	6.6
NNE	.8	.8	1.5	.3								2.7	7.9
NE	.3	1.2	1.4	.2								3.0	6.5
ENE	.3	.2	.8	.2								1.5	7.3
E		1.2	1.7	.8								3.7	8.2
ESE	.3		.8	.2								1.4	8.0
SE	.3	.5	1.5									2.4	6.4
SSE		.7	.5	.5								1.7	8.6
S	.5	2.4	1.9	.8								5.6	7.1
SSW	.3	1.9	.8	.2								3.2	6.2
SW	.7	.7	1.4	.7	.2	.3						3.9	9.6
WSW	.8	1.9	2.2	2.2	.7	.3						8.1	9.8
W	.7	4.7	10.8	5.4	.8	.2						22.7	9.4
WNW	.3	1.4	6.1	2.5	.3							10.7	9.6
NW	.2	2.5	2.9	.8								6.4	7.7
NNW	.2	1.9	1.9	.3								4.2	7.4
VARB.		1.4	2.0									3.4	7.2
CALM												7.1	
	5.9	26.7	41.5	15.9	2.0	.8						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

591

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 STATION ANSBACH AAF GERMANY/KATTERBACH 46,66W70,72 YEARS JUL MONTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) D.I.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	7.3	5.2	.3								16.4	5.7
NNE	.3	1.7	1.0									3.1	6.1
NE	2.1	2.8	.7									5.6	4.8
ENE		.3	.2	.3								1.0	8.3
E		.3	1.4	.3								2.1	8.3
ESE			.2	.7								1.0	10.3
SE	.3	1.0	1.0									2.4	6.3
SSE		1.0										1.0	5.7
S	1.0	2.4	1.0	.3								4.9	5.8
SSW	.3	1.4	.3	.3								2.4	6.6
SW	.3	1.0	2.4	.7								4.3	8.1
WSW	.3	.7	2.4	1.4	.7							5.6	10.3
W	1.4	6.6	10.1	3.5								21.7	7.9
WNW		4.2	3.8	1.4								9.4	7.4
NW	1.4	5.9	1.7									9.1	5.3
NNW	.3	1.4	1.4	.7								3.8	7.7
VARBL													
CALM												5.6	
	11.5	38.5	33.6	10.1	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 286

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 72 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	9.4	8.3									22.9	5.7
NNE	1.0	2.1	1.0									4.2	4.8
NE	4.2	3.1										7.3	3.7
ENE													
E	3.1	3.1	1.0									7.3	4.3
ESE		1.0										1.0	3.0
SE	1.0	5.2	4.2									10.4	6.5
SSE	1.0											1.0	3.0
S		2.1										2.1	3.0
SSW	1.0	2.1										3.1	3.7
SW	3.2	3.1										8.3	3.5
WSW	1.0		1.0									2.1	3.0
W	3.2	4.2	3.1	3.1								13.6	7.0
WNW		1.0										1.0	3.0
NW	4.2	2.1	1.0	1.0								8.3	3.5
NNW			2.1									2.1	3.5
VARBL					1.0							1.0	17.0
CALM												2.1	
	32.2	38.5	21.9	4.2	1.0							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 96

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1											1.1	2.0
NNE													
NE	1.1	3.2										4.3	4.5
ENE	1.1											1.1	3.0
E		2.2										2.2	3.0
ESE													
SE	1.1	3.2	2.2									6.5	5.5
SSE	1.1		6.5									7.5	7.6
S	6.5	5.4	4.3									16.1	4.7
SSW		3.2										3.2	4.7
SW	7.5	6.5	2.2									15.1	4.3
WSW		1.1										1.1	4.0
W	9.7	10.8	9.7									30.1	5.4
WNW	1.1	1.1										2.2	3.5
NW	1.1	1.1	1.1									3.2	3.0
NNW													
VARBL													
CALM												5.4	
	31.2	37.6	25.8									100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

93

DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEAR 46,71 MONTH AUG
ALL WEATHER
CLIM
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		3.9	2.3									6.2	3.9
ENE													
E	.8	.8										1.6	4.5
ESE	1.6	.8										2.3	3.7
SE	2.3	3.1	.8									6.2	4.6
SSE	.8	1.6										2.3	3.7
S	1.6	4.7	2.3	.8								9.3	6.3
SSW	1.6	1.6										3.1	3.8
SW	7.0	12.4	6.2									25.6	3.2
WSW	.8	.8	.8	.8								3.1	6.8
W	3.1	10.1	12.4	1.6								27.1	6.7
WNW		1.6										1.6	5.0
NW	1.6	1.6	.8									3.9	4.4
NNW													
VARBL	.8											.8	3.0
CALM												7.0	
	21.7	42.6	25.6	3.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 129

DATA PROCESSING BRANCH
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,6672
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	1.1									2.9	5.6
NNE	.6	2.0	1.8									4.4	6.0
NE	.9	2.1	.8	.2								3.9	5.3
ENE	.8	1.1	1.1									2.9	5.7
E	.8	1.4	1.1									3.2	5.6
ESE	.5	.6	.8									1.8	5.9
SE	.9	1.7	.8									3.3	4.9
SSE	.2	.8	.9									2.0	6.0
S	2.1	4.1	2.6	.2								8.9	5.5
SSW	.8	3.2	1.1	.3								5.3	5.7
SW	.8	4.1	2.4									7.2	6.0
WSW	.5	3.0	2.6	.9	.2							8.1	7.3
W	2.9	6.0	6.6	2.7	.2							18.4	7.3
WNW	1.1	1.1	1.8	.5	.2							4.3	7.2
NW	.2	1.1	1.1									2.2	6.4
NNW	.5	.9	.5	.2								1.7	6.3
VARBL	.9	.5		.2								1.3	4.0
CALM												16.9	
	14.8	35.2	27.7	2.0	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

664

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 04172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72 AUG
CLASS ALL WEATHER MONTH 0900-1100
CONDIFION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.8									2.6	3.5
NNE	.5	1.7	1.4	.5								3.9	6.9
NE	.3	2.6	2.3									5.2	6.7
ENE	.3	1.2	1.8	.5								3.8	7.0
E	.3	2.4	1.8	.6								5.6	6.8
ESE	.3	.5	.3	.3								1.4	7.7
SE	.6	1.4	1.4	.2								3.5	6.3
SSE	.5	2.0	.9	.3								3.6	5.8
S	1.4	3.5	1.8	.6	.3							7.6	6.8
SSW	.2	1.1	2.0	.3								3.3	7.9
SW	.6	1.7	1.8	.8								4.9	7.2
WSW	.9	2.0	5.6	2.7	.3							10.6	9.2
W	1.4	4.7	11.2	4.7	.6							22.6	8.9
WNW	.6	1.8	1.4	1.5	.2							5.2	8.3
NW	.5	.8	2.0		.2							3.3	7.6
NNW	.2	.8	.9	.2								2.1	6.5
VARBL	.2		1.1	.3	.2							2.1	10.9
CALM												8.2	
	9.7	29.1	37.3	13.8	1.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 659

DATA PROCESSING BRANCH
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

34172
 STATION

ANSBACH AAF GERMANY/KATTERBACH
 STATION NAME

46,6672
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	1.7									5.1	5.8
NNE	.3	.8	2.9									4.0	7.0
NE	.2	2.2	1.0									3.3	5.9
ENE	.5	1.4	1.6	.3								3.8	6.8
E	.5	2.7	2.5	.8								6.5	7.2
ESE		1.3	1.4	.5								3.2	7.8
SE	.3	1.3	1.3									2.9	6.3
SSE		.3	.6	.2	.2							1.3	8.9
S	.8	1.6	2.2	1.0								6.5	7.8
SSW	.3	1.0	.6	.5								2.4	7.1
SW	1.3	1.3	2.3	.8								6.7	7.3
WSW	.2	1.1	3.8	3.0	.3	.2						8.7	11.2
W	1.1	3.3	10.3	6.3	1.0	.2						22.9	9.7
WNW	.2	2.2	3.0	1.3	.2							6.8	8.3
NW	.3	1.4	1.9	.8	.2							4.8	8.1
NNW		1.3	1.1	.3								2.7	7.3
VARBL		.6	1.7	.6	.2	.2						3.3	9.9
CALM												5.1	
	7.0	26.4	42.3	16.5	1.9	.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

629

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,6672
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L. S. T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	2.4									7.2	5.8
NNE	.3	1.5	2.4									4.2	6.6
NE		1.3	2.5	.2								4.0	7.4
ENE	1.3	.8	1.9	.8								4.9	7.0
E	.3	1.5	2.0	.3								4.2	7.1
ESE	.7	.3	.8	.2								2.0	6.4
SE	.7	.8	.7	.3								2.5	6.5
SSE	.5	1.0	.8	.5								2.9	7.4
S	1.2	1.3	2.5	.7								5.7	7.0
SSW	.2	.8	2.4	.2								3.5	7.7
SW	.5	1.7	2.7	1.2								6.1	7.8
WSW	.7	1.3	2.4	2.0	.2							6.6	9.0
W	.8	4.2	11.1	7.9	.7							24.7	9.5
WNW	.2	2.4	3.0	.8	.2							6.6	7.9
NW	.3	1.7	1.5	.7		.2						4.4	8.0
NNW	.2	1.0	2.2	.8								4.4	8.0
VARBL	.2		1.0	.7	.2	.2						2.2	11.2
CALM												3.9	
	9.8	25.2	42.2	17.2	1.2	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 394

DATA PROCESSING BRANCH
ETAC/USAF
AFM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,66-70,72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.4	2.8	.3								9.4	3.6
NNE	.6	2.2	1.6									4.4	3.7
NE	2.5	3.0	1.6									7.8	3.1
ENE	1.3	.6	.6									2.5	4.8
E	.6	1.6	.3	1.3								3.8	7.6
ESE	.6	.6	.6	.3								2.2	5.7
SE		.9	.6									1.6	6.0
SSE	.9	1.3	.9									3.1	4.8
S	1.6	3.1	.6	.3								5.6	3.4
SSW	1.3	1.6	.6	.6								4.1	6.1
SW	.3	3.8	2.2	.3								6.6	6.0
WSW	.9	1.9	1.6	1.6								6.0	7.7
W	1.6	5.2	7.3	4.7	.9							20.1	8.7
WNW	.9	1.6	.9	1.6								5.0	8.2
NW	1.6	3.1	1.6	.3								6.6	5.5
NNW	.3	2.2	1.3	.3	.3							4.4	7.8
VARBL													
CALM												6.9	
	17.9	37.0	25.4	11.6	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 319

DATA PROCESSING BRANCH
ETAC/USAF
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7										3.8	4.0
NNE	1.0											1.0	3.0
NE	2.9	3.8	1.0									7.6	4.3
ENE		1.9										1.9	4.3
E	2.9	1.0	1.0									4.8	4.0
ESE	1.0											1.0	3.0
SE	1.9	4.8	2.9									9.5	5.5
SSE			1.9									1.9	7.5
S		4.8										4.8	4.2
SSW	1.0			1.0								1.9	8.5
SW	2.9	3.8	1.9	1.0								9.5	5.5
WSW		1.0										1.0	4.0
W	9.5	13.2	2.9	1.0		1.0						27.6	5.5
WNW	1.9	1.0	1.9									4.8	6.0
NW	2.9	1.0	1.0									4.8	4.4
NNW		1.0	1.0									1.9	5.5
VARBL													
CALM												12.4	
	28.6	40.0	15.2	2.9		1.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

105

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46 SEP
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2											2.2	3.0
NNE													
NE													
ENE													
E	1.1											1.1	1.0
ESE													
SE	5.6	6.7										12.2	3.9
SSE													
S	5.6	12.2	3.3	1.1	1.1							23.3	3.9
SSW		1.1										1.1	4.0
SW	7.8	6.7	7.8	3.3	2.2							27.8	7.6
WSW	3.3	1.1										4.4	3.5
W	2.2	10.0	8.9		1.1			1.1				23.3	7.9
WNW													
NW													
NNW													
VARBL													
CALM												4.4	
	27.8	37.8	20.0	4.4	4.4			1.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

34172
 STATION

ANSBACH AAF GERMANY/KATTERBACH
 STATION NAME

46,71
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4										4.0	3.8
NNE		.8	.8									1.6	6.5
NE		1.6										1.6	6.0
ENE													
E													
ESE	.0											.8	3.0
SE	6.4	4.0										10.4	3.4
SSE		1.6	.8									2.4	6.0
S	5.6	6.4	.8									12.8	6.3
SSW	.8	1.6										2.4	4.0
SW	8.8	8.0	5.6	2.4	3.2							28.0	7.2
WSW	2.4	2.4	1.6									6.4	4.6
W	4.8	3.2	4.8	2.4				.8				16.0	8.3
WNW	1.6	1.6										3.2	3.8
NW			1.6									1.6	9.5
NNW		.8										.8	3.0
VARBL	2.4											2.4	2.0
CALM												5.6	
	35.2	34.4	16.0	4.8	3.2			.8				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

125

DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,6672
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	.5	.2								2.7	5.5
NNE	.1	4.0	2.7									7.8	6.0
NE	1.0	1.4	1.0									3.4	5.0
ENE	.3	1.1	1.1									2.6	6.4
E	.8	2.1	.8									3.7	5.3
ESE	1.0	1.6	.3									2.9	4.6
SE	2.1	1.8	1.0	.2								5.0	4.9
SSE	1.3	2.6	.8									4.6	4.9
S	3.0	4.0	2.2	.3								9.6	5.5
SSW	.8	3.2	1.0									5.0	5.1
SW	1.6	3.0	2.7	.8	.2							8.3	6.7
WSW	1.0	2.4	2.6	1.0	.2							7.0	7.5
W	1.1	4.6	5.4	2.4	.5	.2		.5				14.9	9.5
WNW		.5	.5									1.0	6.7
NW		1.0	.3									1.3	6.1
NNW	.6	1.0										1.6	4.3
VARBL	1.6	1.4		.5								3.5	4.7
CAIM												15.3	
	17.9	37.1	22.8	5.3	.8	.2		.5				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

026

DATA PROCESSING BRANCH
 HTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-72 MONTH SEP

CLASS ALL WEATHER HOURS (LST) 0900-1100

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.9									2.2	6.1
NNE	.0	1.9	2.5	.2								5.2	6.5
NE	1.3	1.4	1.7	.5								4.9	6.6
ENE	.2	2.2	.6	.3								3.3	6.4
E	.8	1.7	.6	.6								3.8	6.4
ESE	.2	2.7	1.6	.2								4.6	6.4
SE	1.3	2.4	2.2	.3								6.2	6.3
SSE	.9	2.1	1.7	.2								4.9	6.2
S	.8	3.8	2.4	.5								7.4	6.4
SSW	.2	2.3	1.4	.3								4.4	6.6
SW	.9	3.3	1.6	1.4	.2							7.4	7.3
WSW	.6	1.9	1.7	2.8	.5	.2						7.8	9.6
W	.9	4.2	7.8	4.3	.8	.6		.2				18.8	10.0
WNW		1.3	1.1	.2								2.5	7.0
NW		.6	.3	.2								1.1	6.7
NNW	.3	.6	.6	.2								1.7	6.3
VARBL	1.1	1.9	.8	.3								4.1	5.7
CALM												9.5	
	10.3	35.8	29.7	12.3	1.4	.8		.2				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 632

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,66-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	1.0	.3								3.0	6.4
NNE	.5	3.3	2.3	.5								6.6	6.6
NE		1.7	1.3	.3								3.3	7.1
ENE	.2	.7	1.8	.3								3.0	8.2
E	.2	2.5	2.5	.5								5.6	7.3
ESE	.2	.5	.3	.5								2.0	7.8
SE	.8	2.0	1.7	.2								4.6	6.2
SSE	.8	1.0	2.0									3.8	6.7
S	1.2	2.0	4.3	.5								7.9	7.1
SSW	.2	1.2	1.7	.5								3.5	7.9
SW	.8	.7	3.0	1.3	.5							6.3	9.3
WSW		1.5	3.0	3.0	.3	.2						7.9	10.5
W	.5	4.8	6.4	6.9	1.5	1.2						21.3	10.7
WNW	.7	1.0	2.8	.5	.2							5.1	7.6
NW	.3	1.2	1.0	.7								3.1	7.4
NNW	.2	.7	1.2	.3								2.3	7.4
VARBL	.7	1.7	.8	.2								3.3	5.8
CAIM												7.3	
	7.3	27.6	37.5	15.5	2.5	1.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

605

DATA PROCESSING BRANCH
 STAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

34172
 STATION

ANSBACH AAF GERMANY/KAT7ERRACH
 STATION NAME

46,6672
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	2.0									6.3	6.0
NNE	.3	2.7	3.4									6.3	6.9
NE	.5	2.6	2.4	.3								5.8	6.2
ENE	.2	.9	2.0									3.1	7.0
E	.2	1.9	2.2	.9								5.1	7.9
ESE	.2	.7	.9									1.7	9.3
SE	1.2	1.5	1.7	.3								4.8	6.1
SSE		2.0	1.2	.5								3.8	6.9
S	.5	3.1	2.7	.2								6.9	6.8
SSW	.5	1.0	1.3	.2								3.2	6.6
SW	.9	.7	1.5	1.9								4.9	8.7
WSW	.5	1.7	4.1	2.2	.2		.2					8.9	9.2
W	.2	3.9	5.9	6.3	1.0	.2						20.5	10.3
WNW		1.9	3.4	.3								5.6	7.7
NW	.9	.7	1.2	.7								3.4	6.7
NNW	.2	1.7	.9									2.9	6.0
VARBL	.7	.7	.2									1.5	4.2
CALM												5.3	
	7.7	31.4	40.3	13.8	1.2	.2	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

586

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72 SEP
STATION MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.0	.7									6.1	4.7
NNE	.7	5.4	2.2	.4								8.7	6.3
NE	.7	1.8	.4									2.9	4.8
ENE	.4	1.8	.4									2.5	5.1
E	1.8	.7	1.8									4.3	5.6
ESE	.4											.4	3.0
SE	3.0	3.0	.7									7.9	4.2
SSE	1.1	2.5	1.4									5.1	5.5
S	1.8	3.0	4.7	1.4	.4							11.9	7.4
SSW	.4	.4		.4								1.1	6.7
SW	.7	2.9	2.7									5.8	5.9
WSW	.4	2.2	2.9	1.8	.4							7.6	8.8
W	2.5	6.9	6.5	3.2	.4							19.5	7.9
WNW	.7	1.1	1.4									3.2	6.0
NW	1.4	.4	.4	.4								2.5	4.7
NNW	.4	1.4	.7									2.5	5.3
VARBL	.4											.4	3.0
CALM												7.6	
	18.8	38.6	20.4	7.6	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 277

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

4672
YEAR

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	✓	MEAN WIND SPEED
N													
NNE		1.0	2.0									3.0	7.3
NE		1.0										1.0	6.0
ENE													
E	2.0											2.0	2.0
ESE													
SE	7.0	3.0	3.0	1.0								14.0	4.7
SSE													
S	4.0	13.0	7.0	4.0								28.0	6.6
SSW	1.0	1.0										2.0	4.5
SW	2.0	8.0	7.0	1.0								18.0	6.9
WSW	1.0		1.0									2.0	5.5
W	5.0	8.0	5.0	1.0			1.0					20.0	7.0
WNW													
NW	2.0	2.0	1.0	1.0								6.0	5.3
NNW													
VARBL													
CALM												4.0	
	24.0	37.0	26.0	8.0			1.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

100

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46 MONTH ECT
ALL WEATHER
 CLASO
0000-0200
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.1										5.5	3.4
NNE	1.1		1.1									2.2	5.0
NE	5.5	3.3	7.7									16.5	5.8
ENE		1.1	1.1									2.2	6.0
E	3.3	7.7	5.5									16.5	5.6
ESE	1.1	1.1	1.1									3.3	6.0
SE	7.7	1.1	5.5									12.1	4.7
SSE			3.3									3.3	8.7
S	1.1											1.1	2.0
SSW													
SW	2.2		1.1	1.1								4.4	7.0
WSW			1.1									1.1	9.0
W	3.3	4.4	11.0	1.1	1.1							20.9	7.5
WNW			1.1									1.1	9.0
NW	2.2	1.1	2.2	1.1								5.6	6.8
NNW													
/ARBL													
CALM												3.3	
	11.9	20.9	39.6	3.3	1.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 91

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,71
YEARS

307
MONTH

ALL WEATHER
CLASS

0300-0300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.3	.8	1.6									4.7	4.5
NNE	.8	1.6	.8									3.1	5.0
NE	2.3	5.5	5.5	.8								14.1	6.2
ENE		2.3	1.6									3.9	7.2
E	2.3	3.9	3.1	.8								10.2	6.3
ESE	.8	1.6	.8									3.1	4.8
SE	3.9	4.7	.8									10.9	4.2
SSE	.8	2.3	.8									3.9	5.8
S	2.3	1.6										3.9	3.2
SSW		1.6										1.6	5.0
SW		1.6	.8	.8								3.1	7.8
WSW		1.6	3.1	2.3								7.0	9.8
W	3.9	5.5	7.0	4.7								21.1	7.9
WNW	.8											.8	3.0
NW	.8	1.6	2.3									4.7	6.0
NNW													
VARBL													
CALM												3.9	
	22.7	35.9	28.1	9.4								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

126

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,65-72
YEARS

UGT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1		.1								1.5	4.0
NNE	.3	1.5	1.6									3.4	6.5
NE	.6	2.0	2.0									4.7	6.1
ENE	.3	1.5	1.3									3.1	5.9
E	2.5	3.6	2.8	.6								9.5	5.7
ESE	.4	1.3	1.0	.1								2.9	6.0
SE	1.3	2.6	1.2	.3								5.4	5.5
SSE	.7	1.5	1.9									4.1	6.0
S	1.9	5.0	3.2	.7								10.8	5.9
SSW	.9	2.3	2.6	.6								6.4	6.7
SW	.7	2.3	1.9	1.0	.4							6.4	7.9
WSW	.7	3.1	2.9	1.6	.9							9.2	9.0
W	.9	4.5	5.5	3.4	1.3	.3						15.9	9.5
WNW	.1	.7	.7	.3	.1							2.0	9.0
NW	.3	.6	1.2		.6							2.2	7.5
NNW	.3	.9	.4									1.6	5.4
VARBL	.4	.4			.1							1.0	5.7
CALM												10.1	
	13.6	34.0	30.3	8.7	3.1	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

686

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,65-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	.6	.1								1.7	5.9
NNE	.3	.8	.7	.6								2.3	7.4
NE	.6	.7	1.7									2.9	7.0
ENE		.8	1.4	.1								2.3	7.2
E	.7	2.6	2.6	1.7								7.6	7.9
ESE	1.2	2.3	1.8	.4								6.2	6.0
SE	1.0	3.3	2.2	.7								7.3	6.4
SSE	.8	2.9	1.5	.6								5.8	6.2
S	1.2	4.6	3.2	.8	.3							10.1	6.8
SSW	.6	1.8	1.5	1.1								5.0	7.6
SW	1.2	1.9	2.5	1.2	.1							7.0	7.5
WSW	.7	1.3	3.3	3.3	1.1	.1						10.2	10.6
W		1.9	5.5	5.5	1.5	.1						14.6	11.2
WNW		1.0	1.2	.6								2.8	8.3
NW	.1	1.0	.1	.4								1.7	6.4
NNW	.4	1.2	.7	.3		.1						2.8	7.0
VARBL	.6	.7	.3	.6								2.1	7.3
CALM												7.6	
	9.9	30.5	30.8	18.1	3.0	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

724

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6572 CCT
STATION MONTH
ALL WEATHER 1200-1400
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	.8	.3								2.5	6.3
NNE	.1	1.4	1.5	.6								3.7	7.7
NE	.7	1.1	2.3	.6								4.6	7.0
ENE	.3	1.0	2.0	.6								3.8	7.6
E	1.1	3.0	3.1	1.5	.1							8.9	7.7
ESE	.1	1.7	1.4									3.2	6.7
SE	1.5	2.3	2.4	.6	.1							6.9	6.5
SSE	.6	3.1	2.3	.6								6.5	6.8
S	1.7	2.5	1.4	.3	.1							6.1	5.8
SSW	.3	1.1	1.5	.3	.4							3.7	8.2
SW	.1	.7	2.1	.7	.1							3.8	8.9
WSW	.3	1.8	3.5	4.2	1.4	.4	.3					12.0	12.2
W	.3	2.1	5.8	7.2	1.8	.1						17.3	11.5
WNW		1.0	1.3	.8	.3							3.4	9.5
NW	.1	.8	1.0	.6		.3						2.8	9.5
NNW	.4		.4	.1								1.0	6.1
VARBL	.7	.4	2.1	.4	.1							3.8	8.0
CALM												6.1	
	8.9	25.1	34.9	19.3	4.6	.8	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 710

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DCT
NORTH
1500-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	.9	.2								3.6	5.9
NNE	.5	3.8	1.5	.8								6.5	6.4
NE	.6	3.5	2.3	.5								6.8	6.4
ENE	.2	2.3	1.8	.2								4.4	7.0
E	.9	5.0	3.8	1.4								11.0	7.0
ESE	.5	1.5	1.1	.5								3.5	6.4
SE	.8	2.0	1.4									4.1	5.7
SSE	.5	3.0	2.0									5.4	6.0
S	1.2	2.9	2.7	.3								7.1	6.3
SSW	.5	.3	.5	.2								1.4	5.7
SW	.3	.8	1.4	.9								3.3	8.1
WSW	.3	.8	2.9	5.1	1.1	.8						10.8	12.7
W	.6	2.7	7.7	6.2	.6		.2					17.9	9.9
WNW	.3	.6	2.3		.5							3.6	3.9
NW	.5	.5	1.2	.5	.3							3.0	8.9
NNW	.5	.6	.3									1.4	5.2
VARBL	.2	.2	.2	.8								1.2	10.5
CALM												5.3	
	8.9	31.7	33.5	17.3	2.4	.8	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 665

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46,66-70,72 MONTH JCT
CLASS ALL WEATHER MONTH 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.5	1.6									7.3	5.0
NNE		3.5	3.2	.6								7.3	7.3
NE	1.3	5.7	3.5	.3								10.8	6.0
ENE	.9	1.3	2.8									5.1	6.6
E	.6	3.2	6.3	.9								11.1	7.8
ESE		1.6	2.2	.6								4.4	7.7
SE	.3	3.8	2.2									6.3	6.0
SSE	.9	3.2	.9									5.1	5.1
S	.6	2.2	1.9									4.7	6.3
SSW	.9	.6	.6	.3								2.5	5.9
SW			.3	.6								.9	11.0
WSW	.3	1.6	1.6	2.2	.6							6.3	10.1
W	1.3	4.1	8.5	2.5	.6	.3						17.4	8.9
WNW	.6	.3	1.3									2.2	6.9
NW	.6	1.3	.3	.6								2.8	7.1
NNW	.3	.3										.6	3.5
VARBL													
CALM												5.1	
	11.1	36.1	37.3	8.9	1.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 316

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46.72
YEARS

ECY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.9	2.9									9.7	5.0
NNE	1.0	1.9		1.0								3.9	6.0
NE	2.9	6.8	2.9	1.0								13.6	6.0
ENE													
E	1.0	4.9	8.7	1.9								16.5	7.8
ESE		4.9	1.9									6.8	6.7
SE	1.9	8.7	2.9									13.6	5.6
SSE	1.0	1.0										1.9	4.0
S			1.0									1.0	10.0
SSW													
SW		1.0										1.0	4.0
WSW			1.0									1.0	7.0
W	3.9	2.9		4.9								19.4	7.7
WNW			1.0									1.0	9.0
NW	1.9	2.9	1.9									6.8	5.6
NNW													
VARBL													
CALM												3.9	
	17.5	37.9	32.0	8.7								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 103

DATA PROCESSING BRANCH
 STAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
 STATION

ANSBACH AAF GERMANY/KATTERBACH
 STATION NAME

46
 YEARS

KOV
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2										3.3	4.7
NNE													
NE	4.4	2.2	4.4									11.1	5.6
ENE													
E	3.3	3.3	2.2									8.9	4.9
ESE	1.1											1.1	3.2
SE	2.2	12.2	4.4									18.9	5.4
SSE	1.1		1.1									2.2	6.0
S	1.1	11.1	4.4									16.7	6.1
SSW													
SW	1.1	5.6	7.8									14.4	6.5
WSW			1.1	1.1								2.2	11.5
W	3.3	3.3	2.2	4.4								13.3	8.1
WNW	1.1											1.1	3.0
NW	1.1											1.1	3.0
NNW													
VARBL													
CALM												5.6	
	21.1	40.0	27.8	5.6								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

90

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERRACH
STATION NAME

46,71
YEARS

NDV
NORTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6			1.6								3.2	7.5
NNE	.8		.8	1.6								3.2	10.3
NE	1.6	4.8	2.4									8.7	5.8
ENE	.8											.8	3.0
E	1.6	1.6	.8									4.0	4.4
ESE													
SE	1.6	9.5	1.6	.8								13.5	5.7
SSE	1.6	1.6										3.2	3.8
S	4.0	4.8	8.7	.8								18.3	6.4
SSW		.8	.8									1.6	7.0
SW	1.6	7.9	3.2	1.6								14.3	6.3
WSW		1.6	5.6	.8								7.9	8.3
W	2.4	3.2	2.4	3.2	.8							11.9	8.3
WNW	.8				.8							1.6	10.0
NW		1.6										1.6	4.5
NNW		1.6										1.6	6.0
VARBL													
CALM												4.8	
	18.3	38.9	26.2	10.3	1.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

126

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION
0630-0800
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	.5	.2								2.3	6.2
NNE	.3	.3	1.0	.6								2.7	8.5
NE	.5	1.1	.6	.3								2.6	6.3
ENE		.6	1.3	.5	.2							2.9	8.4
E	.5	2.3	1.4	.8								5.0	6.8
ESE	.5	.6	1.3	.2								2.6	6.6
SE	1.8	2.4	1.9	.3								6.4	5.7
SSE	.2	2.9	2.6	.5								6.1	6.9
S	2.3	5.3	7.1	2.4								17.2	7.1
SSW	1.0	3.1	2.6	1.6								8.2	7.4
SW	.5	2.9	2.9	1.3	.6							8.5	8.2
WSW	.6	1.6	2.3	3.2	1.4	.3						9.5	11.7
W	.3	3.4	5.6	1.9	1.4	.3						13.2	10.0
WNW	.2	1.1	.3	.2								2.4	6.5
NW	.2	.3	.2	.2								.8	6.8
NNW	.2	.3	.3	.3								1.3	7.1
VARBL				.2								.2	15.0
CALM												8.2	
	9.6	30.4	33.0	14.3	3.7	.8						102.0	7.4

TOTAL NUMBER OF OBSERVATIONS 622

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46.65-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.6	.1								2.7	5.2
NNE	.6	1.5	.7	.4								3.3	6.8
NE	.7	1.9	.7	.3								3.7	5.7
ENE	.3	.7	.7									1.8	6.4
E	.3	1.5	2.4	1.0								5.2	8.2
ESE	1.0	1.5	2.4									4.4	6.0
SE	1.8	2.5	2.2	.9								7.4	6.4
SSE	.4	1.8	3.0	.6								5.8	7.4
S	.7	4.9	7.0	1.9								14.6	7.7
SSW	.4	3.0	2.4	1.9	.4							8.2	8.8
SW	.4	2.5	3.0	1.5	.3	.1						7.9	8.4
WSW	.1	1.5	3.1	3.1	1.9	.7	.1					10.1	12.6
W	.9	1.6	4.9	3.1	1.5	.9						13.1	11.1
WNW	.1	1.2	.7	.4								2.5	7.9
NW		.3		.1								.4	7.0
NNW		.4		.3								.7	8.8
VARBL	.6	.3	.3			.1		.1				1.5	9.1
CALM												6.1	
	9.8	28.1	34.2	15.9	3.6	1.9	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 672

DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 65-72 MONTH NOV
CLASS ALL WEATHER HOURS (LST) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.9	1.1	.2	.2							2.9	7.3
NNE	.3	2.0	.9	1.1								4.2	7.3
NE	1.2	1.4	.9	.3								3.8	5.7
ENE	.3	.3	.5	.5	.2							2.1	8.0
E	.3	2.0	1.7	.9	.2	.2						5.8	8.5
ESE	.2	1.8	.9	.3								3.2	6.8
SF	1.3	2.0	1.7	.9								6.7	6.2
SSE	.5	1.7	1.7	.8	.3							4.8	8.1
S	1.1	5.0	5.2	1.2	.5	.2						13.6	7.7
SSW	.5	1.5	2.6	1.1	.2	.2						5.9	9.1
SW	.2	1.2	4.1	3.8	.3	.3	.2					10.0	10.8
WSW	.3	1.2	1.8	3.3	1.5	1.3	.3					10.0	14.1
W	.0	2.4	3.8	6.8	.9	.5	.3					15.3	11.3
WNW	.2	1.2	.6	.6	.2							2.7	8.7
NW	.3	.3	.5	.2		.2						1.4	8.9
NNW	.3	.0	.2	.3								1.4	7.1
VARBL	.9	.2										1.1	2.1
CALM												5.2	
	9.1	27.9	27.9	22.1	4.2	2.9	.8					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 660

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,05-72 27V
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.8	.5	.2							4.1	6.1
NNE	.3	2.8	1.5	.6								5.2	6.8
NE	1.3	2.0	1.3									5.2	5.3
ENE	.6	1.5	1.0		.2							3.2	6.1
E	1.1	3.1	1.6	1.5	.2							7.5	7.5
ESE	.0	1.3	1.1	.5								3.7	6.5
SE	1.1	2.3	1.6									5.0	5.5
SSE	.3	2.3	1.5	.6								4.7	6.8
S	1.6	4.9	5.8	1.5	.5							14.3	7.6
SSW	.5	.0	1.8	1.7	.3	.3						4.5	10.1
SW	1.0	.5	2.4	2.6	.6	.3						7.5	10.8
WSW	.3	.0	1.9	3.1	1.9	.3						8.3	13.2
W	.8	3.7	6.0	4.5	1.1	.6						16.9	10.0
WNW		.6	1.1	.6		.2						2.6	9.6
NW	1.0	.3	.6									1.9	5.1
NNW		.5	.2									.6	6.3
VARBL	.3	.2										.5	3.3
CALM												4.2	
	12.5	29.1	30.4	17.0	5.0	1.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 616

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172

ANSBACH AAF GERMANY/KATTERBACH

46,66-70,72

NDV

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

1800-2000

HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.4	.8								2.6	7.7
NNE		3.0	1.1									4.1	6.5
NE	.5	3.0	.8									4.5	5.1
ENE		1.5	.4									1.9	5.4
E	1.5	1.5	1.1	.8	.4							5.3	7.4
ESE	.8	2.3	1.1									4.1	5.6
SE	1.1	4.5	4.1									9.8	6.2
SSE		.8	2.3	1.5								4.5	9.3
S	.8	8.3	7.1	1.9								18.0	7.1
SSW	1.5	1.5	1.9	1.5	.4	.4						7.1	9.8
SW	1.5	.8	3.4	1.9	.4							7.9	8.8
WSW	.8	1.7	3.0	1.5	.8							7.9	9.3
W	1.9	2.5	3.8	3.8	.8	.4						13.2	9.6
WNW	.4	.8		.4								1.5	6.5
NW	.4		.4									.8	6.0
NNW		.4										.4	4.0
VARBL	.4	.4										.8	3.0
CALM												5.4	
	12.0	34.2	30.8	13.9	2.6	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

266

DATA PROCESSING BRANCH
 3TAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

36172 ANSBACH AAF GERMANY/KATFERBACH 4672 17Y
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-300 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	.8	.8									3.4	4.8
NNL			.8									.8	9.0
NE		4.2	.8									5.1	5.0
NIE													
E		.8	2.5									3.4	6.8
ESE		.8	.8									1.7	5.5
SE	.8	5.1	4.2									10.2	6.7
SSE	.8	4.2	.8									5.9	5.1
S	.8	12.7	11.9	.8								26.3	7.0
SSV		1.7	3.4	1.7								6.8	9.1
SW	4.2	3.4	5.1	2.5	.8							16.1	7.3
WSW		1.7	.8									2.5	5.7
W	2.5	1.7	1.7	3.4	1.7							11.0	9.5
WNW	.8											.8	3.0
NW	.8	.8										1.7	3.5
NNW			.8	.8								1.7	11.0
VARBL													
CALM												2.5	
	12.7	39.2	34.7	9.3	2.5							100.4	6.9

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	0.0	1.1									13.8	4.1
NNE													
NE	1.1	0.9	6.9	2.3								17.2	7.3
ENE													
E	1.1	3.4	2.3									6.9	5.3
ESE													
SE	8.0	2.3	2.3									12.6	4.2
SSE		1.1										1.1	3.0
S	0.9	4.6	2.3	1.1								14.9	4.9
SSW		1.1	1.1									2.3	8.0
SW	5.7	2.3	4.6									12.6	5.3
WSW	1.1											1.1	3.0
W	2.3	2.3	3.4	2.3	1.1							11.3	8.4
WNW													
NW	1.1											1.1	2.0
NNW													
VARBL													
CALM												4.6	
	32.2	32.2	24.1	5.7	1.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 87

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71 DEC
STATION STATION NAME YEARS NORTH
ALL WEATHER CLASS 2200-0500
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.7										10.1	3.7
NNE		.8	2.5									3.4	7.8
NE	1.7	5.9	4.2	1.7								13.4	6.9
ENE													
E	2.5	1.7	1.7									5.9	4.9
ESE													
SE	3.4	2.5	.8									6.7	3.8
SSE													
S	5.0	7.6	6.7									19.3	5.3
SSW		1.7										1.7	4.3
SW	3.4	.8	1.7	2.5	.8							9.2	8.3
WSW		1.7	4.2	1.7								7.6	9.2
W	.8	3.4	2.5	5.0	.8							12.6	10.3
WNW			.8									.8	7.0
NW		.8										.8	4.0
NNW													
VARBL		.8										.8	5.0
CALM												7.6	
	20.2	34.5	25.2	10.9	1.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 119

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,65-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	1.3									4.4	5.4
NNE	.7	2.2	2.2	.3								5.5	6.6
NE	1.0	1.8	2.2	.4								5.5	6.7
ENE	.3	.6	1.0									1.9	6.5
E	.3	1.0	2.4	.6	.4							5.3	8.5
ESE	.6	1.2	1.8									3.3	6.3
SE	.7	1.9	2.4	.3								5.3	6.8
SSE	.4	1.8	2.2	.6								5.0	7.3
S	2.4	3.7	7.1	1.3	.1							14.6	7.4
SSW	.9	1.9	1.8	.4	.1							5.2	6.7
SW	1.3	1.0	2.7	1.6	.3							7.0	8.6
WSW	.4	1.2	3.0	3.7	1.3	.4	.1					10.2	12.1
W	.4	5.2	6.2	4.7	.6	.7						17.9	9.8
WNW	.4	.9	1.2									2.5	6.1
NW	.3	.3	.4									1.0	5.3
NNW													
VARBL	.1	.3										.4	3.7
CALM												4.9	
	11.2	26.0	37.6	14.1	3.0	1.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 676

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34172 STATION NAME ANSBACH AAF GERMANY/KATTERBACH YEARS 46, 65-72 MONTH DEC

CLASS ALL WEATHER HOURS (L & T) 0900-1100

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	.7	.3								3.3	5.8
NNE	1.0	1.6	1.3	.4								4.3	6.4
NE	1.0	1.5	2.2	.7	.4							5.9	7.8
ENE	.1	.7	1.3									2.2	7.5
E	.4	1.9	1.6	.6								4.5	7.3
ESE	.6	1.6	1.6	.1								3.9	6.3
SE	.7	1.6	2.0	.6								4.9	7.3
SSE	.1	2.3	1.9	.4								4.7	6.9
S	2.0	5.3	6.3	1.3	.1							15.1	7.1
SSW	.6	2.7	2.3	.7								6.3	6.6
SW	.9	1.7	2.7	2.3	.6	.3						8.5	9.6
WSW	.1	1.3	2.0	2.7	1.4	.7						8.3	12.7
W	1.3	2.7	5.5	6.2	1.9	.4	.1					18.1	10.7
WNW	.3	1.1	.7	.4								2.6	7.1
NW	.1	.1	.9									1.1	6.8
NNW	.1	.3										.4	4.0
VARBL	.9	.4	.1									1.4	3.8
CALM												4.5	
	11.4	28.3	33.0	16.8	4.5	1.4	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 696

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,65-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	.5									3.3	4.7
NNE	.8	3.2	1.4									5.3	5.7
NE	.2	2.4	2.3	.5								5.3	7.1
ENE	.2	.5	.8	.2								1.5	7.4
E		1.8	2.1	.8								4.7	8.0
ESE	.2	.8	1.4	.5								2.7	8.1
SE	.6	1.1	2.9	.2								4.7	7.1
SSE	.6	2.3	2.4	.9								6.2	7.2
S	1.5	5.3	4.3	2.1								13.4	7.1
SSW		1.8	1.7	.6								4.1	7.8
SW	.2	2.1	2.9	2.0	.5	.3						7.8	9.5
WSW		1.4	3.2	3.9	1.7	.6						10.7	12.6
W	2.0	2.9	3.3	6.9	2.1	.5						19.6	10.6
WNW	.2	.5	.6	.3	.3							1.8	10.1
NW	.5	.5	.5									1.4	5.2
NNW	.2	.3	.2									.6	4.8
VARBL	.5	.8		.2		.2						1.4	7.1
CALM												5.7	
	8.0	29.2	32.2	18.8	4.5	1.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 664

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46,65-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	1.1									4.1	4.9
NNE	1.1	2.4	1.4	.2								5.0	5.9
NE	.9	1.2	1.2	.8								4.1	7.0
ENE	.2	1.2	1.4	.8								3.5	8.0
E	1.1	2.0	1.8	.3								5.2	6.1
ESE	.5	1.2	2.0	.2								3.8	6.8
SE	.6	1.4	2.6	.2								4.7	7.0
SSE	.8	1.1	2.6	.5								4.9	7.3
S	.9	3.3	5.5	2.1								12.0	8.0
SSW	.2	1.5	2.3	1.1								5.0	8.5
SW	.3	1.7	2.7	1.5	.8							7.0	9.4
WSW	.3	1.8	2.7	2.9	1.4	.5						9.6	11.4
W	1.7	2.9	6.2	4.9	2.6	.5						18.7	10.7
WNW		.6	.2	.3	.3							1.4	11.0
NW	.6	.6	.2	.2	.3							1.8	7.5
NNW	.2	.8	.3	.3	.2							1.7	7.9
VARBL	.3	.2		.3								.8	8.4
CALM												6.6	
	10.8	25.8	34.1	16.3	5.5	.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 656

DATA PROCESSING BRANCH
BTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172 ANSBACH AAF GERMANY/KATTERBACH 46, 65-66, 68-70, 72 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	.7									3.8	5.0
NNE	.3	1.7	1.0									3.1	6.6
NE	.3	3.4	2.1	.3	.3							6.6	6.9
ENE	.3	.7	1.4	1.0	.3							3.8	9.0
E	.7	2.8	3.1									6.6	6.6
ESE	.3	1.4	1.0	.3								3.1	6.8
SE	2.4	1.4	2.4	.3								6.6	6.2
SSE	.7	1.7	2.1	.7	.3							5.5	7.9
S	2.8	3.5	3.4	4.1	.3							16.2	7.6
SSW	.7	2.1	1.7	1.4								5.9	7.9
SW		2.1	3.1	1.4	.3	.3						7.2	9.7
WSW	.3	1.0	1.7	2.4	1.7							7.2	12.1
W	2.4	1.7	3.9	2.3	1.4	.7						14.8	9.7
WNW	.3	.3	.3	.3								1.4	7.0
NW	.7	.7		.3		.3						2.1	8.7
NNW	.3	.3	.7									1.4	6.3
VARBL													
CALM												4.8	
	13.8	29.0	30.7	13.5	4.8	1.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 290

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH

STATION NAME

46, 71-72

YEARS

DEC

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	6.5	1.1									9.8	4.6
NNE													
NE	2.2	4.3	9.8	4.3								20.7	8.4
ENE			2.2									2.2	9.0
E													
ESE													
SE	3.3	3.3	3.3									9.8	5.3
SSE			1.1									1.1	9.0
S	9.8	6.7	3.3									21.7	4.3
SSW													
SW	2.2	3.3	3.3	1.1								9.8	6.4
WSW			1.1									1.1	10.0
W	1.1	3.3	7.6	2.2	1.1							15.2	8.2
WNW													
NW	1.1	1.1										2.2	3.0
NNW													
VARBL													
CALM												6.5	
	21.7	30.4	32.6	7.6	1.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

92

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

30172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46-47, 65-72
YEARS

ALL
MONTH

INSTRUMENT

ALL
HOURS (L S T)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.9	.8	.1							5.9	7.1
NNE	.6	1.7	2.0	.5	.0							4.8	7.1
NE	1.1	2.2	1.3	.3	.0							4.9	5.9
ENE	.4	.7	.9	.2								2.1	6.7
E	1.1	2.0	1.8	.5	.0							5.4	6.6
ESE	.3	1.2	1.0	.2								2.7	6.4
SE	1.0	1.9	1.7	.3	.0							5.0	6.2
SSE	.3	1.4	1.5	.3	.0							3.5	7.1
S	1.3	3.2	2.7	.6	.0	.0						7.9	6.5
SSW	.4	1.2	1.1	.4	.1	.0						3.2	7.4
SW	.6	1.4	1.9	1.2	.2	.0		.0				5.4	8.7
WSW	.5	1.5	2.9	2.9	1.3	.5	.1	.0				9.6	11.6
W	1.4	4.2	7.5	6.4	1.6	.8	.1	.0	.0			22.0	10.4
WNW	.3	1.2	1.9	.9	.2	.1	.0					4.5	9.0
NW	.4	.8	1.1	.5	.1	.0						3.0	8.1
NNW	.2	.3	.9	.2	.0							2.1	7.3
VARBL	.2	.1	.0	.1		.1						.5	7.5
CALM												7.3	
	11.3	27.5	32.3	16.1	3.9	1.4	.2	.1	.0			100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

8576

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										77.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .

For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46-47.05-72

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		27.8	29.5	31.2	32.6	32.9	33.8	34.4	34.5	34.9	35.0	35.1	35.2	35.3	35.4	35.6
≥ 10000		31.9	33.8	35.9	37.3	37.7	38.7	39.3	39.5	39.9	40.0	40.1	40.2	40.4	40.4	40.7
≥ 18000		31.9	33.8	35.9	37.3	37.7	38.7	39.3	39.5	40.0	40.1	40.2	40.3	40.4	40.5	40.6
≥ 16000		31.9	33.8	35.9	37.3	37.7	38.7	39.3	39.5	40.0	40.1	40.2	40.3	40.4	40.5	40.6
≥ 14000		32.0	33.9	36.0	37.5	37.9	38.8	39.5	39.6	40.1	40.2	40.3	40.4	40.5	40.6	40.9
≥ 12000		32.3	34.1	36.2	37.7	38.1	39.1	39.8	39.9	40.4	40.5	40.6	40.7	40.8	40.9	41.2
≥ 10000		33.1	35.0	37.2	38.7	39.1	40.1	40.8	40.9	41.4	41.5	41.6	41.7	41.8	41.9	42.2
≥ 9000		33.7	35.7	37.9	39.4	39.9	40.9	41.6	41.7	42.2	42.3	42.4	42.5	42.6	42.7	43.0
≥ 8000		35.5	38.5	40.9	42.5	43.1	44.1	44.9	45.0	45.5	45.6	45.7	45.8	46.0	46.1	46.4
≥ 7000		39.3	41.5	44.1	45.9	46.4	47.6	48.4	48.6	49.1	49.2	49.3	49.5	49.6	49.7	50.0
≥ 6000		41.8	44.3	47.1	49.0	49.5	50.8	51.7	51.8	52.5	52.6	52.7	52.8	52.9	53.0	53.4
≥ 5000		43.2	45.8	48.8	50.8	51.3	52.7	53.6	53.8	54.4	54.5	54.6	54.8	54.9	55.0	55.4
≥ 4500		43.0	46.2	49.3	51.3	51.9	53.2	54.2	54.3	55.0	55.1	55.2	55.4	55.5	55.6	55.9
≥ 4000		45.3	48.0	51.2	53.3	54.0	55.4	56.4	56.5	57.2	57.4	57.5	57.6	57.8	57.9	58.2
≥ 3500		46.9	49.8	53.1	55.3	56.0	57.5	58.5	58.6	59.3	59.5	59.6	59.7	59.9	60.0	60.3
≥ 3000		50.4	53.6	57.4	59.8	60.5	62.2	63.3	63.4	64.2	64.3	64.4	64.6	64.8	64.9	65.2
≥ 2500		53.3	56.7	60.8	63.3	64.1	65.9	67.0	67.1	67.9	68.1	68.2	68.4	68.6	68.7	69.0
≥ 2000		56.6	60.4	64.8	67.6	68.4	70.4	71.5	71.7	72.6	72.7	72.8	73.0	73.2	73.3	73.7
≥ 1800		56.9	60.8	65.3	68.0	68.6	70.8	72.0	72.2	73.0	73.2	73.3	73.5	73.7	73.8	74.1
≥ 1500		57.5	61.6	66.7	71.7	72.6	74.8	76.0	76.2	77.2	77.4	77.5	77.7	77.9	78.0	78.4
≥ 1200		60.5	65.0	70.1	73.3	74.2	76.6	78.0	78.2	79.3	79.5	79.6	79.9	80.0	80.1	80.5
≥ 1000		62.0	66.9	72.6	76.1	77.2	79.9	81.7	81.9	83.3	83.6	83.7	84.0	84.2	84.3	84.7
≥ 900		62.4	67.4	73.3	76.9	78.0	80.9	82.8	83.0	84.5	84.8	85.0	85.3	85.5	85.6	86.0
≥ 800		62.8	68.0	74.2	78.0	79.2	82.4	84.4	84.7	86.4	86.7	86.9	87.3	87.5	87.6	88.0
≥ 700		63.2	68.3	74.8	78.9	80.1	83.5	85.8	86.2	88.1	88.5	88.7	89.2	89.4	89.5	89.8
≥ 600		63.5	68.8	75.3	79.5	80.6	84.6	87.1	87.5	89.7	90.2	90.4	90.8	91.1	91.2	91.6
≥ 500		63.7	69.2	75.9	80.3	81.7	85.7	88.6	89.1	91.8	92.5	92.9	93.4	93.6	93.8	94.2
≥ 400		63.8	69.3	76.1	80.5	82.0	86.2	89.3	89.8	93.1	94.0	94.5	95.2	95.6	95.7	96.2
≥ 300		63.8	69.3	76.2	80.6	82.0	86.3	89.6	90.1	93.6	94.6	95.3	96.2	96.7	96.9	97.6
≥ 200		63.8	69.3	76.2	80.6	82.1	86.4	89.6	90.1	93.7	94.8	95.4	96.4	97.1	97.5	98.5
≥ 100		63.8	69.4	76.2	80.6	82.1	86.4	89.6	90.1	93.7	94.8	95.5	96.5	97.1	97.6	99.1
≥ 0		63.8	69.4	76.2	80.7	82.1	86.4	89.6	90.2	93.7	94.8	95.5	96.6	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

34675

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4766-72

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING		12.1	15.0	17.3	21.5	22.1	24.5	25.8	26.6	27.0	27.2	27.2	27.2	27.3	27.6	27.8
≥ 20000		13.7	16.7	19.3	23.8	24.6	27.5	29.2	30.1	30.6	30.8	30.9	31.0	31.4	31.5	31.7
≥ 18000		13.7	16.7	19.3	23.8	24.6	27.5	29.2	30.1	30.6	30.8	30.9	31.0	31.4	31.5	31.7
≥ 16000		13.7	16.7	19.3	23.8	24.6	27.5	29.2	30.1	30.6	30.8	30.9	31.0	31.4	31.5	31.7
≥ 14000		13.8	16.8	19.4	23.9	24.7	27.6	29.3	30.1	30.7	30.9	31.0	31.1	31.4	31.5	31.8
≥ 12000		13.8	16.8	19.4	23.9	24.7	27.6	29.3	30.1	30.7	30.9	31.0	31.1	31.4	31.5	31.8
≥ 10000		14.0	17.0	19.7	24.3	25.1	28.1	29.9	30.7	31.2	31.5	31.5	31.6	32.0	32.1	32.4
≥ 9000		14.5	17.4	20.3	24.8	25.6	28.5	30.3	31.2	31.7	31.9	32.0	32.1	32.4	32.5	32.8
≥ 8000		15.3	18.3	21.5	26.1	27.2	30.3	32.1	33.0	33.7	34.0	34.1	34.2	34.6	34.7	35.0
≥ 7000		16.6	19.6	23.3	28.3	29.5	32.6	34.9	35.8	36.6	37.0	37.1	37.2	37.6	37.7	38.0
≥ 6000		17.9	21.5	25.3	30.6	31.9	35.4	37.9	38.8	39.6	40.0	40.1	40.2	40.6	40.7	41.0
≥ 5000		18.9	22.5	27.2	32.8	34.2	37.9	40.5	41.4	42.6	42.9	43.1	43.2	43.5	43.7	43.9
≥ 4500		19.1	22.7	27.4	33.1	34.7	38.5	41.1	42.0	43.2	43.5	43.7	43.8	44.1	44.3	44.5
≥ 4000		19.4	23.2	28.1	33.8	35.7	39.5	42.2	43.1	44.3	44.6	44.8	44.9	45.3	45.4	45.7
≥ 3500		19.7	23.6	28.8	34.7	36.6	40.4	43.1	44.0	45.2	45.5	45.7	45.8	46.2	46.3	46.6
≥ 3000		20.9	24.9	30.6	37.0	39.2	43.2	46.0	47.0	48.3	48.6	48.8	49.0	49.4	49.5	49.8
≥ 2500		22.4	26.7	32.8	39.4	41.6	45.9	49.0	50.0	51.3	51.7	51.9	52.1	52.5	52.6	52.9
≥ 2000		24.4	29.7	35.7	42.9	45.3	50.0	53.3	54.3	55.6	56.1	56.2	56.4	56.8	57.0	57.2
≥ 1800		24.4	29.2	35.9	43.1	45.5	50.2	53.7	54.6	55.9	56.4	56.5	56.7	57.1	57.3	57.5
≥ 1500		25.6	31.3	38.8	46.3	48.9	54.3	58.0	59.0	60.6	61.1	61.3	61.5	61.9	62.0	62.3
≥ 1200		27.6	33.0	40.2	48.0	50.8	56.5	60.4	61.5	63.2	63.7	63.9	64.1	64.5	64.7	65.0
≥ 1000		29.0	34.6	42.6	50.9	53.9	60.6	65.4	66.6	68.9	69.6	69.8	70.2	70.7	70.8	71.1
≥ 900		29.2	35.3	43.4	51.9	55.0	61.9	66.8	68.0	70.6	71.3	71.5	71.9	72.4	72.5	72.8
≥ 800		29.7	36.0	44.4	53.5	56.7	63.9	69.2	70.3	73.4	74.4	74.7	75.1	75.6	75.7	76.0
≥ 700		30.1	36.6	45.3	54.6	57.9	65.7	72.5	73.9	77.3	78.6	78.9	79.4	79.9	80.0	80.3
≥ 600		30.3	36.9	45.9	55.2	58.8	67.1	74.3	75.7	79.7	81.4	81.7	82.4	82.9	83.0	83.3
≥ 500		30.4	37.3	46.5	56.3	59.9	69.0	77.4	78.9	84.8	87.2	88.0	88.7	89.3	89.6	90.1
≥ 400		30.4	37.3	46.6	56.4	60.1	69.4	78.3	79.8	86.3	89.0	90.0	90.8	91.3	92.1	92.6
≥ 300		30.4	37.4	46.6	56.5	60.2	69.5	78.5	80.0	87.7	90.8	92.0	93.2	94.9	95.3	96.1
≥ 200		30.4	37.4	46.6	56.5	60.2	69.5	78.6	80.2	88.0	91.1	92.3	93.6	95.4	96.1	97.5
≥ 100		30.4	37.4	46.6	56.5	60.2	69.5	78.6	80.2	88.0	91.1	92.3	93.6	95.4	96.3	98.8
≥ 0		30.5	37.4	46.7	56.6	60.3	69.6	78.7	80.3	88.1	91.2	92.4	93.8	95.7	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,56-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	13.4	15.9	19.4	21.6	22.0	23.5	24.1	24.1	24.5	24.6	24.7	24.7	24.7	24.7	24.9	25.0
IV 18000	15.9	21.1	24.0	26.4	26.8	28.3	29.0	29.0	29.4	29.5	29.5	29.5	29.5	29.6	29.8	29.9
IV 16000	16.9	21.1	24.0	26.4	26.8	28.3	29.0	29.0	29.4	29.5	29.5	29.5	29.5	29.6	29.8	29.9
IV 14000	17.1	21.2	24.2	26.6	27.0	28.5	29.2	29.2	29.6	29.7	29.7	29.7	29.7	29.8	30.0	30.1
IV 12000	17.1	21.3	24.3	26.7	27.1	28.6	29.2	29.3	29.6	29.8	29.8	29.8	29.8	29.9	30.1	30.2
IV 10000	18.2	22.5	25.7	29.1	28.5	30.0	30.7	30.7	31.0	31.2	31.2	31.2	31.2	31.3	31.5	31.6
IV 9000	18.7	23.0	26.3	28.7	29.1	30.7	31.4	31.4	31.8	31.9	31.9	31.9	31.9	32.0	32.2	32.3
IV 8000	20.3	24.6	28.1	30.0	31.4	33.0	33.8	33.9	34.3	34.4	34.5	34.5	34.5	34.6	34.9	35.0
IV 7000	22.5	27.0	30.9	33.8	34.5	36.3	37.0	37.1	37.5	37.7	37.7	37.7	37.8	37.9	38.1	38.3
IV 6000	24.7	29.3	33.4	36.5	37.1	39.2	40.0	40.1	40.6	40.7	40.8	40.8	40.8	40.9	41.2	41.3
IV 5000	25.8	30.6	35.3	38.4	39.0	41.3	42.1	42.2	42.9	43.0	43.1	43.2	43.2	43.2	43.5	43.6
IV 4500	25.9	30.7	35.4	38.5	39.2	41.4	42.3	42.3	43.0	43.2	43.2	43.2	43.3	43.4	43.7	43.8
IV 4000	27.0	32.1	37.0	40.4	41.1	43.5	44.3	44.4	45.1	45.3	45.3	45.3	45.4	45.5	45.7	45.9
IV 3500	28.6	34.0	38.9	42.6	43.2	45.7	46.5	46.6	47.3	47.5	47.5	47.5	47.6	47.7	47.9	48.1
IV 3000	30.9	37.0	42.9	46.7	47.4	50.5	51.4	51.4	52.3	52.5	52.5	52.5	52.6	52.6	52.9	53.0
IV 2500	33.3	39.7	45.9	49.9	50.6	53.9	54.8	54.9	55.8	56.0	56.0	56.1	56.2	56.2	56.4	56.6
IV 2000	35.0	42.2	48.7	53.4	54.2	58.1	59.2	59.3	60.3	60.5	60.5	60.6	60.7	61.0	61.1	61.1
IV 1800	35.3	42.6	49.2	53.8	54.6	58.6	59.7	59.8	60.8	61.0	61.0	61.1	61.2	61.4	61.6	61.6
IV 1500	37.4	45.0	52.7	58.1	58.9	63.2	64.5	64.7	66.2	66.4	66.5	66.7	66.8	67.1	67.2	67.2
IV 1200	38.5	46.4	54.4	60.6	61.6	66.6	68.2	68.3	70.6	70.9	71.1	71.3	71.3	71.6	71.8	71.8
IV 1000	40.4	48.6	58.1	64.8	65.9	71.3	73.9	74.0	77.7	78.3	78.5	78.8	78.9	79.4	79.6	79.6
IV 900	41.1	49.5	59.0	65.7	67.0	72.9	76.0	76.2	80.4	81.0	81.2	81.6	81.7	82.2	82.4	82.4
IV 800	41.4	49.9	59.9	66.9	68.1	74.4	77.9	78.1	82.7	83.3	83.6	84.1	84.2	84.6	84.9	84.9
IV 700	41.8	50.3	60.4	67.8	69.0	75.7	79.5	79.9	84.6	85.2	85.5	86.0	86.1	86.6	86.9	86.9
IV 600	42.0	50.5	60.8	68.3	69.7	76.8	80.8	81.3	86.3	87.2	87.5	88.0	88.2	88.7	88.9	88.9
IV 500	42.4	50.9	61.3	69.3	70.8	78.1	82.4	82.9	89.1	90.6	91.3	92.0	92.3	92.8	93.1	93.1
IV 400	42.6	51.1	61.9	69.6	71.1	78.6	83.3	83.6	90.2	92.4	93.5	94.5	94.9	95.4	95.7	95.7
IV 300	42.6	51.1	61.9	69.6	71.1	78.6	83.3	83.8	90.7	93.2	94.6	96.0	96.6	97.2	97.6	97.6
IV 200	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.7	97.5	98.5	98.5
IV 100	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.8	97.5	99.1	99.1
IV 0	42.6	51.1	61.9	69.7	71.1	78.7	83.3	83.8	90.7	93.3	94.7	96.1	96.8	97.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2551

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

WAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOUR OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	25.9	28.4	29.8	30.4	30.9	31.7	31.9	31.9	32.3	32.4	32.4	32.5	32.6	32.7	32.8	32.8
IV 18000	30.3	31.9	33.3	34.2	34.8	35.6	35.8	35.8	36.2	36.4	36.4	36.5	36.6	36.7	36.8	36.8
IV 16000	30.5	32.1	33.7	34.4	34.9	35.8	36.0	36.0	36.4	36.6	36.6	36.7	36.8	36.9	37.0	37.0
IV 14000	30.8	32.5	34.0	34.7	35.3	36.1	36.4	36.4	36.8	36.9	36.9	37.1	37.2	37.3	37.4	37.4
IV 12000	31.3	33.0	34.6	35.2	35.8	36.7	36.9	36.9	37.3	37.4	37.4	37.6	37.7	37.8	37.9	37.9
IV 10000	32.1	33.8	35.4	36.1	36.7	37.6	37.9	37.9	38.3	38.4	38.4	38.6	38.7	38.8	38.9	38.9
IV 9000	32.6	34.3	35.9	36.7	37.4	38.3	38.6	38.6	39.0	39.1	39.1	39.3	39.4	39.5	39.6	39.6
IV 8000	34.8	36.5	38.4	39.2	40.0	40.9	41.2	41.2	41.6	41.7	41.7	41.9	42.0	42.1	42.3	42.3
IV 7000	37.8	39.6	41.8	42.8	43.5	44.6	44.9	44.9	45.4	45.5	45.5	45.7	45.8	45.9	46.0	46.0
IV 6000	41.3	43.4	45.8	46.8	47.7	48.8	49.1	49.1	49.6	49.7	49.7	49.9	50.0	50.1	50.2	50.2
IV 5000	42.9	44.9	47.4	48.6	49.5	50.7	51.0	51.0	51.5	51.7	51.7	52.0	52.2	52.3	52.4	52.4
IV 4500	43.3	45.4	47.9	49.1	50.0	51.2	51.5	51.5	52.0	52.2	52.2	52.5	52.7	52.8	52.9	52.9
IV 4000	45.2	47.3	50.0	51.2	52.1	53.4	53.7	53.7	54.3	54.5	54.5	54.8	55.0	55.1	55.2	55.2
IV 3500	46.4	48.8	51.4	52.6	53.6	54.9	55.2	55.2	55.8	55.9	56.0	56.2	56.4	56.5	56.7	56.7
IV 3000	49.1	52.0	55.1	56.6	57.5	59.1	59.4	59.5	60.3	60.5	60.5	60.8	61.2	61.3	61.4	61.4
IV 2500	53.1	56.4	59.8	61.5	62.5	64.1	64.5	64.5	65.3	65.5	65.5	65.9	66.2	66.3	66.4	66.4
IV 2000	56.6	60.3	63.8	65.6	66.7	68.3	68.9	68.9	69.8	70.0	70.1	70.4	70.7	70.8	70.9	70.9
IV 1800	57.5	61.3	64.8	66.6	67.7	69.3	69.9	70.0	70.8	71.0	71.1	71.4	71.7	71.8	72.0	72.0
IV 1500	61.5	66.5	70.3	72.6	73.7	75.7	76.1	76.2	77.1	77.3	77.4	77.7	78.1	78.2	78.3	78.3
IV 1200	53.3	68.6	72.9	75.3	76.5	78.7	79.2	79.3	80.3	80.5	80.6	81.0	81.4	81.5	81.6	81.6
IV 1000	65.2	71.2	76.2	78.8	80.0	82.7	83.8	84.0	85.3	85.6	85.7	86.2	86.6	86.7	86.9	86.9
IV 900	65.5	72.0	76.9	79.5	80.8	83.7	84.9	85.2	86.6	86.9	87.0	87.5	87.8	88.0	88.1	88.1
IV 800	66.1	72.8	78.3	81.0	82.4	85.3	86.7	87.1	88.7	89.0	89.1	89.9	90.3	90.5	90.6	90.6
IV 700	66.4	73.1	78.6	81.5	83.0	86.1	87.5	88.0	89.7	90.2	90.4	91.4	91.7	91.9	92.1	92.1
IV 600	66.5	73.2	78.8	81.8	83.3	86.8	88.2	89.0	91.1	91.5	91.7	92.8	93.2	93.4	93.5	93.5
IV 500	66.6	73.4	79.0	82.3	83.7	87.4	89.5	90.0	92.9	93.6	94.0	95.1	95.4	95.6	95.8	95.8
IV 400	66.7	73.5	79.3	82.6	84.1	87.7	90.2	90.8	94.4	95.4	95.8	97.0	97.3	97.7	98.0	98.0
IV 300	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.7	95.9	96.6	98.1	98.4	98.8	99.1	99.1
IV 200	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	99.6	99.6
IV 100	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	99.9	99.9
IV 0	66.7	73.5	79.3	82.6	84.1	87.7	90.3	90.8	94.8	96.0	96.7	98.3	98.9	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

3053

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.06-7.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

. 446

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		35.1	37.7	38.9	39.3	39.5	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4
IV 18000		41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.9
IV 16000		41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.9
IV 14000		41.1	42.9	44.2	44.7	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.9
IV 12000		41.3	43.1	44.4	44.9	45.1	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1
IV 10000		42.0	43.8	45.2	45.7	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.8
IV 9000		42.6	44.5	45.8	46.3	46.5	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5
IV 8000		44.4	46.5	47.8	48.3	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
IV 7000		47.2	49.3	50.7	51.4	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.5
IV 6000		50.4	53.0	54.5	55.2	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5
IV 5000		52.2	55.3	56.9	57.6	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2
IV 4500		52.5	55.6	57.1	57.8	58.1	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.5
IV 4000		54.3	57.4	59.1	59.7	60.0	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4
IV 3500		55.3	58.5	60.2	60.9	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.6
IV 3000		58.2	61.6	63.8	64.6	65.1	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.1
IV 2500		61.8	65.6	68.1	69.0	69.6	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.6
IV 2000		59.5	73.6	76.4	77.4	78.1	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.4
IV 1800		70.1	74.2	77.1	78.2	78.8	79.9	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.2
IV 1500		73.9	78.3	81.7	82.8	83.6	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.2
IV 1200		74.8	79.4	82.7	84.1	85.0	86.1	87.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.8
IV 1000		77.0	81.7	85.3	86.8	87.7	89.1	90.1	90.2	90.6	90.8	90.8	90.8	90.8	90.8	91.1
IV 900		78.0	82.7	86.5	88.0	89.0	90.5	91.5	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.6
IV 800		78.6	83.4	87.2	88.9	89.9	91.6	92.7	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.8
IV 700		79.1	83.8	87.7	89.5	90.7	92.4	93.5	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.7
IV 600		79.7	84.5	88.5	90.4	91.7	93.5	94.6	94.7	95.4	95.7	95.8	95.8	95.8	95.8	96.0
IV 500		80.3	85.4	89.7	91.8	93.1	95.0	96.2	96.4	97.3	97.7	97.9	97.9	97.9	97.9	98.1
IV 400		80.3	85.4	89.8	91.9	93.2	95.5	96.7	97.0	98.0	98.6	99.1	99.1	99.1	99.1	99.5
IV 300		80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	98.0	98.7	99.2	99.4	99.4	99.4	99.8
IV 200		80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	98.0	98.7	99.2	99.4	99.4	99.4	100.0
IV 100		80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	98.0	98.7	99.2	99.4	99.4	99.4	100.0
IV 0		80.3	85.4	89.8	91.9	93.2	95.5	96.8	97.0	98.0	98.7	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2665

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.66-70.72

JAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		35.0	35.8	36.6	36.9	37.1	37.3	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.9
≥ 20000		43.3	44.3	45.7	46.0	46.0	46.3	46.6	46.6	46.9	46.9	46.9	47.0	47.0	47.0	47.1
IV 18000		43.4	44.7	45.8	46.1	46.2	46.5	46.7	46.7	47.0	47.1	47.1	47.1	47.1	47.2	47.2
IV 16000		43.4	44.7	45.8	46.1	46.2	46.5	46.7	46.7	47.0	47.1	47.1	47.1	47.1	47.2	47.2
IV 14000		43.5	44.8	46.0	46.2	46.3	46.6	46.9	46.9	47.1	47.2	47.2	47.2	47.3	47.3	47.4
IV 12000		43.7	44.9	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.5	47.5	47.5	47.5	47.6	47.6
IV 10000		44.7	46.0	47.2	47.5	47.5	47.8	48.1	48.1	48.5	48.6	48.6	48.6	48.7	48.7	48.8
IV 9000		45.6	46.9	48.1	48.4	48.4	48.7	49.0	49.0	49.4	49.5	49.5	49.5	49.6	49.6	49.7
IV 8000		48.7	50.2	51.6	51.9	52.0	52.3	52.6	52.6	53.0	53.1	53.1	53.1	53.2	53.2	53.3
IV 7000		53.4	54.9	56.6	56.9	57.0	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.4
IV 6000		56.9	58.4	60.1	60.5	60.6	60.9	61.3	61.3	61.7	61.8	61.8	61.9	62.0	62.0	62.1
IV 5000		58.3	59.8	61.6	62.0	62.1	62.5	62.8	62.8	63.3	63.3	63.3	63.4	63.5	63.5	63.6
IV 4500		59.0	60.5	62.2	62.7	62.8	63.3	63.6	63.6	64.1	64.1	64.1	64.3	64.3	64.3	64.4
IV 4000		61.5	63.1	65.0	65.6	65.7	66.2	66.5	66.5	67.0	67.1	67.1	67.2	67.2	67.3	67.3
IV 3500		63.5	65.2	67.2	67.9	68.1	68.6	69.0	69.0	69.4	69.5	69.5	69.7	69.7	69.7	69.8
IV 3000		68.5	70.3	72.8	73.5	73.8	74.4	75.0	75.0	75.5	75.6	75.6	75.7	75.8	75.8	75.9
IV 2500		71.7	73.8	76.3	77.2	77.5	78.1	78.8	78.8	79.3	79.3	79.3	79.5	79.5	79.5	79.6
IV 2000		75.8	78.3	81.3	82.4	82.7	83.4	84.1	84.1	84.6	84.7	84.7	84.8	84.9	84.9	85.0
IV 1800		76.3	78.9	82.0	83.2	83.5	84.2	84.9	84.9	85.4	85.4	85.4	85.6	85.6	85.7	85.7
IV 1500		78.4	81.0	84.5	85.8	86.2	86.9	87.6	87.6	88.1	88.1	88.1	88.3	88.3	88.3	88.4
IV 1200		79.6	82.5	85.9	87.3	87.7	88.4	89.1	89.1	89.6	89.6	89.6	89.8	89.8	89.9	89.9
IV 1000		81.6	84.7	88.5	90.1	90.4	91.2	92.1	92.1	92.6	92.6	92.6	92.8	92.8	92.8	92.9
IV 900		82.1	85.3	89.1	90.8	91.2	92.1	93.0	93.0	93.5	93.5	93.5	93.7	93.8	93.8	93.9
IV 800		82.6	85.9	89.9	91.6	92.2	93.5	94.5	94.5	95.0	95.1	95.1	95.2	95.3	95.3	95.4
IV 700		83.1	86.5	90.7	92.4	93.2	94.7	95.7	95.7	96.3	96.3	96.3	96.5	96.5	96.5	96.6
IV 600		83.2	86.7	91.0	92.9	93.8	95.6	96.7	96.7	97.3	97.3	97.3	97.6	97.6	97.7	97.9
IV 500		83.4	87.2	91.9	93.9	94.8	96.9	98.0	98.1	99.0	99.1	99.1	99.2	99.3	99.3	99.4
IV 400		83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.2	99.4	99.5	99.5	99.6
IV 300		83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.3	99.5	99.5	99.6	99.8
IV 200		83.4	87.2	91.9	93.9	94.9	96.9	98.1	98.1	99.1	99.2	99.3	99.5	99.5	99.7	99.8
IV 100		83.4	87.2	91.9	93.9	94.9	97.0	98.1	98.1	99.2	99.3	99.3	99.5	99.6	99.7	100.0
IV 0		83.4	87.2	91.9	93.9	94.9	97.0	98.1	98.1	99.2	99.3	99.3	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2781

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION - 44172 - ANSBACH AAF GERMANY/KATTERBACH 46,66-72PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

- ALL -

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		34.5	35.7	36.3	36.7	36.9	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.5	37.6
IV 18000		41.3	42.6	43.2	43.7	43.9	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.6
IV 16000		41.3	42.6	43.2	43.7	43.9	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.6
IV 14000		41.6	42.9	43.6	44.1	44.3	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9
IV 12000		41.7	43.0	43.7	44.2	44.4	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0
IV 10000		42.4	43.8	44.4	45.0	45.2	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.8
IV 9000		43.1	44.6	45.2	45.8	46.0	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.7
IV 8000		47.8	49.3	50.0	50.7	51.0	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.9	52.0
IV 7000		51.3	53.2	53.9	54.7	55.0	55.5	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1
IV 6000		54.0	55.9	56.8	57.7	58.0	58.5	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.2
IV 5000		55.3	57.2	58.2	59.1	59.4	59.9	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.6
IV 4500		56.0	58.0	59.1	60.0	60.3	60.8	61.1	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.5
IV 4000		58.3	60.4	61.5	62.4	62.7	63.3	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.9	64.0
IV 3500		60.9	63.1	64.2	65.1	65.3	66.2	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.8
IV 3000		67.3	69.7	71.0	72.1	72.5	73.2	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.8
IV 2500		70.5	73.2	74.5	75.6	76.0	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4
IV 2000		76.3	79.4	81.0	82.3	82.7	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.2
IV 1800		76.7	79.8	81.4	82.7	83.1	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.6
IV 1500		79.4	82.8	84.5	85.9	86.3	87.1	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.8
IV 1200		79.9	83.3	85.7	87.2	87.6	88.5	88.8	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.2
IV 1000		81.1	84.9	87.8	89.5	89.8	90.8	91.2	91.2	91.5	91.5	91.6	91.6	91.6	91.7	91.8
IV 900		81.1	85.0	88.0	89.8	90.2	91.2	91.5	91.5	92.0	92.0	92.1	92.1	92.1	92.2	92.3
IV 800		81.4	85.3	88.4	90.2	90.8	91.8	92.2	92.3	92.7	92.8	92.9	92.9	92.9	92.9	93.0
IV 700		81.6	85.7	88.9	90.9	91.4	92.5	93.2	93.3	93.9	93.9	94.0	94.0	94.0	94.1	94.2
IV 600		81.8	85.9	89.4	91.4	92.0	93.3	94.1	94.2	94.8	94.8	94.9	95.0	95.0	95.1	95.2
IV 500		82.0	86.2	89.9	92.0	92.6	94.3	95.3	95.8	96.7	96.8	96.9	96.9	96.9	97.0	97.1
IV 400		82.0	86.5	90.3	92.5	93.2	95.0	96.4	96.9	98.6	98.7	98.9	98.9	98.9	99.0	99.1
IV 300		82.0	86.5	90.3	92.5	93.2	95.1	96.6	97.1	98.8	98.9	99.1	99.2	99.2	99.3	99.4
IV 200		82.0	86.5	90.3	92.5	93.2	95.1	96.7	97.3	98.9	99.0	99.2	99.3	99.3	99.4	99.5
IV 100		82.0	86.5	90.3	92.5	93.2	95.1	96.7	97.3	98.9	99.0	99.2	99.3	99.4	99.5	99.6
IV 0		82.0	86.5	90.4	92.6	93.2	95.1	96.7	97.3	98.9	99.1	99.2	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2911

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 34172 ANSBACH AAF GERMANY/KATTERBACH YEAR: 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		44.1	44.7	45.8	46.8	47.0	47.3	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 18000		48.2	49.0	50.2	51.3	51.6	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 16000		48.2	49.0	50.2	51.3	51.6	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 14000		48.3	49.1	50.3	51.4	51.7	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 12000		48.9	49.8	51.1	52.2	52.5	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 10000		50.6	51.5	53.0	54.1	54.5	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 9000		51.6	52.6	54.1	55.2	55.6	56.0	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4
IV 8000		56.1	57.1	58.6	59.8	60.2	60.7	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1
IV 7000		60.2	61.3	62.9	64.2	64.9	65.3	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
IV 6000		62.8	64.0	65.6	66.9	67.6	68.3	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7
IV 5000		64.7	65.9	67.7	69.1	69.7	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500		65.1	66.4	68.1	69.5	70.1	70.9	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3
IV 4000		67.9	69.3	71.1	72.7	73.3	74.1	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
IV 3500		70.8	72.4	74.4	75.9	76.5	77.4	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9
IV 3000		76.7	78.9	81.1	82.7	83.4	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8
IV 2500		79.9	82.3	84.5	86.1	86.8	87.7	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
IV 2000		82.3	85.0	87.4	89.0	89.7	90.6	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2
IV 1800		82.4	85.2	87.5	89.1	89.8	90.7	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500		84.4	87.3	89.8	91.6	92.3	93.4	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 1200		84.8	87.8	90.5	92.3	93.0	94.0	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6
IV 1000		85.2	88.3	91.2	93.1	93.8	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900		85.5	88.5	91.6	93.5	94.2	95.8	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 800		85.7	88.8	91.9	93.8	94.5	96.3	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
IV 700		85.9	89.1	92.2	94.1	94.8	96.8	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9
IV 600		86.0	89.1	92.3	94.2	95.0	97.0	97.5	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4
IV 500		86.0	89.2	92.4	94.4	95.1	97.2	97.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 400		86.0	89.2	92.5	94.5	95.2	97.4	98.1	98.5	99.2	99.4	99.4	99.5	99.5	99.5	99.5
IV 300		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.7	99.7	99.7	99.7	99.8
IV 200		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.7	99.8	99.8	99.9	99.9
IV 100		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.7	99.8	99.8	99.9	100.0
IV 0		86.0	89.2	92.5	94.5	95.2	97.4	98.2	98.5	99.2	99.5	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2874

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72

AVG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		33.1	34.1	35.2	35.9	36.4	36.8	37.2	37.3	37.6	37.6	37.6	37.6	37.8	37.9	38.0
≥ 20000		38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5
IV 18000		38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5
IV 16000		38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5
IV 14000		38.3	39.5	41.0	41.9	42.5	43.0	43.4	43.5	43.9	43.9	44.0	44.2	44.3	44.4	44.5
IV 12000		38.6	39.8	41.3	42.2	42.7	43.3	43.7	43.8	44.2	44.2	44.3	44.5	44.6	44.7	44.8
IV 10000		40.0	41.3	42.9	43.8	44.4	45.0	45.4	45.6	45.9	46.0	46.2	46.3	46.4	46.5	46.6
IV 9000		41.9	43.2	44.8	45.7	46.2	46.8	47.3	47.4	47.8	47.8	47.9	48.1	48.2	48.3	48.4
IV 8000		46.1	47.5	49.1	50.0	50.6	51.2	51.7	51.8	52.2	52.2	52.3	52.5	52.6	52.7	52.8
IV 7000		50.5	52.1	53.8	54.8	55.4	56.0	56.7	56.8	57.2	57.2	57.3	57.5	57.6	57.7	57.9
IV 6000		53.5	55.7	58.1	59.1	59.8	60.4	61.0	61.2	61.7	61.7	61.8	62.0	62.2	62.3	62.4
IV 5000		55.7	58.0	60.6	61.7	62.3	63.0	63.7	63.9	64.4	64.4	64.5	64.8	64.9	65.0	65.1
IV 4500		56.2	58.4	61.1	62.2	62.8	63.4	64.1	64.4	64.8	64.9	65.0	65.3	65.5	65.6	65.7
IV 4000		58.4	60.9	63.6	64.6	65.3	66.1	66.8	67.1	67.6	67.7	67.8	68.1	68.2	68.4	68.5
IV 3500		60.4	63.1	66.2	67.4	68.0	68.9	69.6	69.9	70.5	70.6	70.7	71.0	71.2	71.3	71.5
IV 3000		66.7	69.6	73.4	74.7	75.3	76.2	77.0	77.3	77.9	78.0	78.1	78.5	78.6	78.7	78.9
IV 2500		70.2	73.5	77.4	78.8	79.4	80.3	81.1	81.5	82.0	82.2	82.3	82.6	82.7	82.9	83.0
IV 2000		72.5	76.0	80.0	81.5	82.1	83.1	83.9	84.2	84.8	84.9	85.0	85.4	85.5	85.6	85.8
IV 1800		72.6	76.1	80.2	81.6	82.3	83.2	84.0	84.4	84.9	85.1	85.2	85.5	85.6	85.8	85.9
IV 1500		74.8	78.6	82.9	84.4	85.1	86.1	87.0	87.4	87.9	88.1	88.2	88.5	88.7	88.8	89.0
IV 1200		76.2	80.0	84.5	86.1	86.9	87.9	88.8	89.2	89.7	89.9	90.0	90.3	90.5	90.6	90.8
IV 1000		76.8	80.7	85.6	87.3	88.1	89.4	90.5	90.9	91.5	91.7	91.8	92.1	92.3	92.4	92.6
IV 900		77.1	81.0	86.3	88.2	89.1	90.5	91.6	92.0	92.5	92.8	92.9	93.2	93.3	93.4	93.6
IV 800		77.5	81.4	86.9	88.9	89.7	91.2	92.3	92.9	93.4	93.6	93.7	94.1	94.2	94.3	94.5
IV 700		77.8	81.8	87.4	89.5	90.3	91.8	93.1	93.5	94.1	94.3	94.4	94.7	94.9	95.0	95.2
IV 600		78.0	82.0	87.7	89.8	90.6	92.2	93.8	94.2	94.7	95.0	95.1	95.4	95.5	95.7	95.8
IV 500		78.2	82.2	88.1	90.8	91.6	93.5	95.2	95.7	96.6	96.8	96.9	97.3	97.4	97.6	97.7
IV 400		78.3	82.3	88.3	91.0	91.8	93.8	95.6	96.1	97.1	97.5	97.6	98.0	98.2	98.3	98.5
IV 300		78.3	82.3	88.4	91.1	92.0	94.0	95.9	96.4	97.6	98.0	98.2	98.6	98.7	98.9	99.2
IV 200		78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.1	99.5
IV 100		78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.1	99.7
IV 0		78.3	82.3	88.5	91.2	92.1	94.1	96.0	96.4	97.6	98.0	98.2	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

3007

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING		37.6	39.5	42.4	44.1	44.4	45.1	46.1	46.1	47.1	47.3	47.4	47.6	47.9	48.1	49.0
≥ 20000		42.1	44.3	47.8	49.5	49.9	50.9	52.0	52.0	53.0	53.2	53.3	53.5	53.9	54.1	55.0
≥ 18000		42.1	44.3	47.9	49.5	50.0	51.0	52.0	52.1	53.1	53.2	53.4	53.5	53.9	54.1	55.1
≥ 16000		42.1	44.3	47.9	49.5	50.0	51.0	52.0	52.1	53.1	53.2	53.4	53.5	53.9	54.1	55.1
≥ 14000		42.3	44.5	48.1	49.7	50.2	51.2	52.2	52.3	53.3	53.4	53.6	53.7	54.1	54.3	55.3
≥ 12000		42.7	44.9	48.4	50.1	50.5	51.5	52.6	52.6	53.6	53.8	53.9	54.1	54.5	54.7	55.6
≥ 10000		43.5	45.7	49.3	51.0	51.4	52.4	53.5	53.6	54.6	54.8	54.9	55.1	55.5	55.7	56.6
≥ 9000		44.1	46.3	49.9	51.7	52.1	53.2	54.3	54.4	55.5	55.7	55.8	56.0	56.4	56.6	57.6
≥ 8000		47.3	49.7	53.6	55.5	56.0	57.2	58.6	58.7	59.8	60.0	60.2	60.4	60.8	61.0	61.9
≥ 7000		51.3	54.2	58.5	60.5	61.0	62.4	63.8	63.9	65.0	65.2	65.4	65.6	66.0	66.2	67.1
≥ 6000		54.5	57.8	62.2	64.5	65.1	66.5	67.8	67.9	69.1	69.3	69.6	69.8	70.1	70.4	71.4
≥ 5000		56.3	59.7	64.3	66.7	67.2	68.8	70.1	70.2	71.4	71.6	71.9	72.1	72.5	72.7	73.7
≥ 4500		56.7	60.2	64.8	67.2	67.8	69.4	70.7	70.8	72.1	72.3	72.5	72.7	73.1	73.3	74.4
≥ 4000		58.6	62.2	67.2	69.8	70.4	72.1	73.5	73.6	74.9	75.1	75.3	75.5	76.0	76.2	77.3
≥ 3500		60.6	64.4	69.6	72.2	72.9	74.6	76.0	76.1	77.4	77.7	77.9	78.1	78.6	78.8	79.8
≥ 3000		63.6	67.6	73.2	76.1	76.8	78.7	80.2	80.3	81.6	81.9	82.1	82.3	82.8	83.0	84.1
≥ 2500		66.0	70.2	76.1	79.2	80.0	82.0	83.6	83.8	85.2	85.5	85.7	86.0	86.3	86.7	87.8
≥ 2000		69.2	73.8	79.9	83.0	84.0	85.9	87.8	87.9	89.5	89.8	90.0	90.3	90.8	91.0	92.1
≥ 1800		69.4	73.9	80.0	83.1	84.1	86.1	87.9	88.1	89.6	89.9	90.2	90.4	90.9	91.1	92.2
≥ 1500		71.1	75.7	81.9	85.0	86.0	88.1	89.9	90.1	91.6	91.9	92.2	92.4	92.9	93.1	94.2
≥ 1200		71.6	76.4	82.6	85.7	86.7	88.8	90.6	90.8	92.3	92.6	92.8	93.1	93.6	93.8	94.9
≥ 1000		72.3	77.4	83.8	87.0	88.0	90.2	92.0	92.2	93.8	94.1	94.3	94.6	95.1	95.3	96.4
≥ 900		72.4	77.5	83.9	87.1	88.1	90.3	92.2	92.4	94.0	94.2	94.5	94.7	95.3	95.5	96.5
≥ 800		72.4	77.5	83.9	87.1	88.2	90.4	92.4	92.6	94.2	94.6	94.9	95.1	95.6	95.8	96.9
≥ 700		72.5	77.6	84.1	87.4	88.5	90.7	93.0	93.2	95.0	95.4	95.7	95.9	96.4	96.7	97.7
≥ 600		72.8	77.8	84.3	87.6	88.6	91.1	93.4	93.7	95.5	95.9	96.2	96.5	97.0	97.2	98.3
≥ 500		72.9	78.0	84.5	87.8	89.0	91.3	93.6	93.9	95.8	96.3	96.7	97.0	97.6	97.8	98.9
≥ 400		72.9	78.1	84.6	87.9	89.1	91.4	93.8	94.0	96.0	96.5	96.9	97.3	97.8	98.0	99.2
≥ 300		72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.5	98.0	98.3	99.6
≥ 200		72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.5	98.0	98.3	99.7
≥ 100		72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.5	98.0	98.3	99.7
≥ 0		72.9	78.1	84.6	87.9	89.2	91.4	93.8	94.1	96.0	96.6	97.0	97.5	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2867

DATA PROCESSING BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46.65-72

ECI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		31.6	33.1	35.4	37.2	37.7	38.8	39.8	39.9	40.7	40.8	41.0	41.2	41.4	41.4	42.1
≥ 18000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 16000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 14000		33.9	35.7	38.7	40.7	41.2	42.3	43.4	43.5	44.3	44.5	44.8	45.0	45.1	45.2	46.1
≥ 12000		34.0	35.8	38.8	40.7	41.3	42.4	43.5	43.6	44.5	44.6	44.9	45.1	45.2	45.3	46.2
≥ 10000		34.7	36.5	39.7	41.6	42.2	43.4	44.5	44.6	45.6	45.6	45.9	46.1	46.2	46.3	47.2
≥ 9000		35.2	37.1	40.4	42.4	42.9	44.2	45.3	45.4	46.4	46.5	46.7	46.9	47.1	47.1	48.0
≥ 8000		37.2	39.2	42.7	44.7	45.3	46.7	48.0	48.1	49.1	49.2	49.4	49.6	49.8	49.8	50.8
≥ 7000		38.6	40.6	44.4	46.7	47.3	48.6	50.0	50.1	51.3	51.4	51.6	51.8	52.0	52.1	53.0
≥ 6000		39.8	42.2	45.9	48.2	48.8	50.2	51.8	51.9	53.0	53.2	53.4	53.6	53.8	53.9	54.8
≥ 5000		40.7	43.3	47.1	49.5	50.1	51.5	53.1	53.2	54.4	54.5	54.7	55.0	55.1	55.2	56.1
≥ 4500		40.8	43.5	47.4	49.8	50.4	51.8	53.4	53.5	54.7	54.8	55.1	55.3	55.4	55.5	56.4
≥ 4000		42.5	45.2	49.4	51.8	52.5	54.1	55.8	55.9	57.0	57.2	57.4	57.7	57.8	57.9	58.8
≥ 3500		44.2	47.1	51.3	53.8	54.4	56.1	57.8	57.9	59.0	59.2	59.4	59.7	59.8	59.9	60.8
≥ 3000		46.4	49.4	54.2	57.0	57.6	59.4	61.2	61.3	62.5	62.7	62.9	63.2	63.4	63.4	64.4
≥ 2500		49.1	52.5	57.4	60.4	61.1	62.9	64.7	64.8	66.0	66.2	66.5	66.8	67.0	67.1	68.1
≥ 2000		51.5	55.1	60.5	63.6	64.3	66.3	68.2	68.4	69.6	69.8	70.1	70.5	70.6	70.8	71.8
≥ 1800		51.7	55.5	60.9	64.0	64.7	66.7	68.6	68.8	70.0	70.2	70.5	70.9	71.0	71.2	72.2
≥ 1500		54.0	58.4	64.4	67.9	68.6	71.0	72.9	73.0	74.3	74.5	74.8	75.2	75.4	75.5	76.6
≥ 1200		54.9	59.8	66.1	69.7	70.5	73.0	74.9	75.1	76.4	76.6	76.9	77.3	77.3	77.7	78.8
≥ 1000		56.3	61.6	68.4	72.3	73.1	75.6	77.7	77.8	79.3	79.5	79.9	80.3	80.3	80.7	81.7
≥ 900		56.5	61.8	68.7	72.8	73.7	76.3	78.5	78.6	80.2	80.4	80.7	81.2	81.3	81.5	82.6
≥ 800		56.8	62.7	69.7	74.0	74.9	77.8	80.1	80.3	81.3	82.1	82.4	82.9	83.1	83.3	84.4
≥ 700		57.4	63.5	70.9	75.4	76.3	79.6	82.2	82.4	84.2	84.6	84.9	85.4	85.6	85.8	86.9
≥ 600		57.9	64.2	71.8	76.3	77.3	80.9	83.7	83.9	86.0	86.5	86.9	87.4	87.6	87.8	89.0
≥ 500		58.5	64.9	72.7	77.3	78.3	82.0	85.1	85.4	88.0	88.6	89.1	89.6	89.8	90.0	91.2
≥ 400		58.6	65.1	73.0	77.9	79.1	83.1	86.5	86.8	89.5	90.3	90.9	91.7	92.2	92.4	93.7
≥ 300		58.6	65.1	73.1	78.0	79.3	83.2	86.7	87.0	89.9	90.7	91.4	92.6	93.2	93.5	95.3
≥ 200		58.6	65.1	73.1	78.0	79.3	83.2	86.7	87.0	89.9	90.7	91.4	92.6	93.2	93.6	94.0
≥ 100		58.7	65.2	73.1	78.1	79.3	83.3	86.8	87.1	89.9	90.7	91.5	92.8	93.7	94.4	98.4
≥ 0		58.7	65.2	73.1	78.1	79.3	83.3	86.8	87.1	89.9	90.7	91.5	92.8	93.8	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS

3264

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4665-72

ADV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		17.0	18.1	20.7	21.4	21.7	22.4	23.0	23.1	23.7	23.8	24.0	24.1	24.3	24.4	24.8
IV 18000		19.8	20.9	23.1	24.8	25.0	25.8	26.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	28.4
IV 16000		19.8	20.9	23.1	24.8	25.0	25.8	26.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	28.4
IV 14000		19.9	21.0	23.3	24.8	25.2	26.0	26.7	26.8	27.4	27.3	27.6	27.8	27.9	28.0	28.5
IV 12000		20.0	21.2	23.4	25.1	25.4	26.2	26.9	27.0	27.6	27.7	27.9	28.0	28.1	28.3	28.7
IV 10000		20.5	21.7	24.0	25.6	25.9	26.9	27.5	27.6	28.3	28.4	28.5	28.7	28.8	28.9	29.4
IV 9000		21.0	22.1	24.4	26.1	26.4	27.3	28.0	28.1	28.8	28.9	29.0	29.2	29.3	29.4	29.9
IV 8000		24.1	25.2	27.5	29.4	29.7	30.7	31.4	31.5	32.2	32.3	32.4	32.6	32.8	32.9	33.3
IV 7000		26.1	27.4	29.9	31.8	32.1	33.1	33.9	33.9	34.6	34.7	34.9	35.1	35.2	35.3	35.8
IV 6000		28.9	30.3	33.2	35.4	35.8	37.0	37.7	37.8	38.5	38.6	38.8	39.0	39.1	39.3	39.8
IV 5000		30.5	31.9	34.9	37.1	37.5	38.6	39.4	39.4	40.2	40.4	40.6	40.8	40.9	41.0	41.6
IV 4500		30.9	32.4	35.4	37.8	38.1	39.3	40.0	40.1	40.9	41.1	41.3	41.5	41.6	41.7	42.3
IV 4000		32.0	33.6	36.9	39.2	39.7	41.0	41.7	41.8	42.6	42.8	43.0	43.2	43.3	43.4	44.0
IV 3500		33.1	35.0	38.5	41.0	41.4	42.7	43.4	43.5	44.3	44.5	44.7	44.9	45.0	45.1	45.7
IV 3000		35.7	37.6	41.3	44.1	44.6	45.9	46.6	46.7	47.6	47.8	47.9	48.2	48.3	48.4	49.0
IV 2500		37.3	39.0	43.5	46.7	47.2	48.6	49.5	49.5	50.4	50.6	50.8	51.0	51.1	51.3	51.8
IV 2000		40.4	43.0	47.6	51.1	51.6	53.3	54.1	54.2	55.2	55.4	55.6	55.9	56.0	56.1	56.6
IV 1800		40.8	43.5	48.3	51.8	52.3	54.1	55.0	55.0	56.0	56.2	56.4	56.7	56.8	56.9	57.5
IV 1500		44.6	47.8	53.1	57.2	57.7	60.0	60.8	61.0	62.1	62.3	62.5	62.8	62.9	63.0	63.6
IV 1200		45.7	49.3	54.8	59.1	59.8	62.6	63.0	63.3	64.9	65.1	65.3	65.6	65.7	65.8	66.4
IV 1000		47.8	52.0	58.5	63.2	64.1	67.5	68.9	69.1	70.5	70.8	71.1	71.4	71.5	71.6	72.2
IV 900		48.7	53.0	59.7	64.7	65.6	69.1	70.6	70.9	72.5	72.9	73.2	73.5	73.6	73.7	74.3
IV 800		49.4	53.9	61.0	66.4	67.3	70.9	72.6	72.8	74.6	75.1	75.5	75.8	75.9	76.0	76.6
IV 700		49.9	54.6	61.8	67.5	68.5	72.3	74.2	74.5	76.5	77.1	77.6	77.9	78.0	78.1	78.7
IV 600		50.1	54.9	62.5	68.6	69.7	73.9	76.4	76.7	79.1	79.7	80.2	80.6	80.8	80.9	81.5
IV 500		50.2	55.1	62.8	69.0	70.2	74.8	77.8	78.3	81.3	82.0	82.6	83.0	83.4	83.5	84.1
IV 400		50.3	55.4	63.3	69.6	70.8	76.3	79.5	80.2	84.2	85.3	86.4	87.3	87.9	88.0	88.6
IV 300		50.3	55.4	63.3	69.7	71.0	77.0	80.3	81.2	85.9	87.0	88.5	89.9	90.7	91.0	92.6
IV 200		50.4	55.4	63.3	69.8	71.0	77.0	80.4	81.2	85.9	87.1	89.0	90.9	91.9	92.3	95.1
IV 100		50.4	55.5	63.4	69.8	71.1	77.1	80.4	81.3	86.0	87.2	89.0	91.1	92.2	92.8	97.0
IV 0		50.4	55.5	63.4	69.8	71.1	77.1	80.4	81.3	86.0	87.3	89.1	91.5	92.6	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4C

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 446572

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	11.7	14.1	16.7	18.2	18.5	20.1	21.3	21.4	22.3	22.4	22.4	22.9	23.0	23.0	23.2
≥ 18000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7
≥ 16000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7
≥ 14000	13.4	15.9	18.9	20.5	20.9	22.5	23.8	23.8	24.8	24.9	24.9	25.3	25.5	25.5	25.7
≥ 12000	13.4	15.9	19.0	20.6	21.0	22.5	23.8	23.9	24.8	24.9	24.9	25.4	25.5	25.5	25.7
≥ 10000	13.6	16.3	19.4	21.1	21.5	23.2	24.5	24.5	25.4	25.5	25.6	26.0	26.2	26.2	26.4
≥ 9000	13.8	16.5	19.7	21.3	21.7	23.4	24.7	24.7	25.7	25.8	25.8	26.3	26.4	26.4	26.6
≥ 8000	14.9	17.7	21.1	22.8	23.2	25.1	26.5	26.5	27.6	27.7	27.7	28.2	28.3	28.3	28.5
≥ 7000	15.9	18.7	22.4	24.6	25.0	27.0	28.5	28.5	29.5	29.6	29.7	30.1	30.3	30.3	30.5
≥ 6000	17.0	19.9	23.9	26.2	26.7	28.7	30.3	30.4	31.5	31.6	31.6	32.1	32.3	32.3	32.5
≥ 5000	17.3	20.3	24.5	26.8	27.3	29.3	31.0	31.0	32.1	32.2	32.3	32.7	32.9	32.9	33.1
≥ 4500	17.9	21.0	25.2	27.6	28.1	30.1	31.9	31.9	33.1	33.2	33.3	33.8	33.9	33.9	34.1
≥ 4000	18.4	21.7	26.0	28.6	29.0	31.4	33.2	33.2	34.5	34.6	34.6	35.1	35.2	35.2	35.4
≥ 3500	19.5	22.8	27.2	29.8	30.4	32.9	34.7	34.6	36.1	36.2	36.2	36.7	36.8	36.8	37.0
≥ 3000	20.8	24.3	29.3	32.1	32.7	35.7	37.6	37.7	39.0	39.1	39.1	39.6	39.8	39.8	40.0
≥ 2500	23.4	27.4	33.0	35.8	36.4	39.4	41.4	41.5	42.9	43.0	43.1	43.6	43.7	43.7	43.9
≥ 2000	25.4	29.6	36.0	39.0	39.7	42.9	45.0	45.1	46.5	46.7	46.8	47.3	47.4	47.4	47.6
≥ 1800	25.8	30.0	36.5	39.4	40.1	43.3	45.5	45.5	47.1	47.2	47.3	47.8	48.0	48.0	48.1
≥ 1500	28.1	32.9	39.7	43.0	43.9	47.3	49.7	49.7	51.7	51.9	52.0	52.5	52.7	52.7	52.9
≥ 1200	29.2	34.0	41.0	44.6	45.6	49.3	51.9	52.0	54.3	54.5	54.6	55.2	55.4	55.4	55.6
≥ 1000	31.7	37.5	46.2	50.6	51.8	56.4	59.6	59.8	62.8	63.4	63.5	64.5	64.7	64.7	64.9
≥ 900	32.0	38.0	47.0	51.6	52.9	57.9	61.4	61.5	64.8	65.3	65.5	66.5	66.8	66.8	67.0
≥ 800	32.9	38.2	48.3	54.7	56.3	61.8	65.8	65.9	70.4	71.2	71.4	72.6	72.9	72.9	73.1
≥ 700	33.3	39.8	50.0	56.2	58.0	64.5	68.1	69.3	74.6	75.5	75.7	77.0	77.3	77.3	77.5
≥ 600	34.0	40.7	51.4	57.9	60.1	67.4	72.3	72.7	78.4	79.4	79.5	80.9	81.1	81.1	81.3
≥ 500	34.3	41.1	52.1	58.9	61.3	69.4	75.1	75.7	82.3	83.5	83.7	85.3	85.9	86.0	86.2
≥ 400	34.4	41.2	52.3	59.3	61.7	70.1	76.2	76.9	85.0	86.8	87.2	89.1	90.1	90.2	90.4
≥ 300	34.4	41.2	52.5	59.4	61.8	70.5	76.7	77.4	85.9	87.8	88.8	91.0	92.4	92.8	93.2
≥ 200	34.4	41.2	52.5	59.5	61.9	70.5	76.9	77.5	86.2	88.2	89.5	91.9	93.6	94.7	95.8
≥ 100	34.4	41.2	52.5	59.5	61.9	70.5	76.9	77.5	86.2	88.2	89.5	92.0	93.7	95.1	97.4
≥ 0	34.6	41.3	52.6	59.7	62.1	70.8	77.1	77.8	86.4	88.5	89.8	92.3	94.3	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

3026

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/14C

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATISTICAL															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 18000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 16000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 14000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 12000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 10000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 9000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 8000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 7000		21.5	32.3	37.6	40.9	44.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 6000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 5000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 4500		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 4000		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 3500		21.5	35.5	40.9	44.1	44.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 3000		24.7	38.7	44.1	47.3	47.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 2500		24.7	41.9	47.3	50.5	50.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 2000		28.0	45.2	50.5	53.8	53.8	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1800		28.0	45.2	50.5	53.8	53.8	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 1500		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1200		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1000		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 900		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 800		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 700		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 600		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 500		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 400		33.3	54.8	61.3	64.5	64.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 300		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 200		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 100		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 0		33.3	57.0	63.4	73.1	74.2	84.9	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2

TOTAL NUMBER OF OBSERVATIONS

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KAITERSBACH 47.71

MAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2300-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	17.3	24.4	25.2	36.2	36.2	40.2	40.2	42.5	42.5	44.1	44.1	44.1	44.9	44.9	44.9	44.9
≥ 20000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 18000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 16000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 14000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 12000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 10000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 9000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 8000	17.3	24.4	25.2	37.0	37.0	40.9	40.9	43.3	43.3	44.9	44.9	44.9	45.7	45.7	45.7	45.7
≥ 7000	17.3	24.4	25.2	37.8	37.8	41.7	42.5	44.9	44.9	46.5	46.5	46.5	47.2	47.2	47.2	47.2
≥ 6000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
≥ 5000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
≥ 4500	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
≥ 4000	17.3	26.8	27.6	40.2	40.2	44.1	44.9	47.2	47.2	48.8	48.8	48.8	49.6	49.6	49.6	49.6
≥ 3500	17.3	26.8	27.6	40.2	40.2	44.9	45.7	48.0	48.0	49.6	49.6	49.6	50.4	50.4	50.4	50.4
≥ 3000	17.3	26.8	27.6	40.9	40.9	46.5	47.2	49.6	49.6	51.2	51.2	51.2	52.0	52.0	52.0	52.0
≥ 2500	22.0	32.3	33.1	46.5	46.5	52.0	52.0	55.1	55.1	56.7	56.7	56.7	57.5	57.5	57.5	57.5
≥ 2000	24.4	35.4	38.6	52.8	52.8	59.8	61.4	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
≥ 1800	24.4	35.4	38.6	52.8	52.8	59.8	61.4	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
≥ 1500	27.6	39.4	42.5	58.3	58.3	65.4	67.7	70.1	70.1	71.7	71.7	71.7	72.4	72.4	72.4	72.4
≥ 1200	27.6	39.4	42.5	58.3	58.3	65.4	67.7	70.1	70.1	71.7	71.7	71.7	72.4	72.4	72.4	72.4
≥ 1000	29.9	41.7	44.9	61.4	61.4	68.5	74.8	77.2	78.0	79.5	79.5	80.2	81.0	81.0	81.0	81.0
≥ 900	29.9	41.7	44.9	61.4	61.4	68.5	74.8	77.2	78.0	79.5	79.5	80.2	81.0	81.0	81.0	81.0
≥ 800	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	86.6	86.6	86.6	86.6
≥ 700	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	86.6	86.6	86.6	86.6
≥ 600	29.9	41.7	44.9	64.6	64.6	74.0	80.3	82.7	83.5	85.0	85.0	85.0	86.6	86.6	86.6	86.6
≥ 500	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.3	93.3	93.3	96.1	96.1	96.1	96.1
≥ 400	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.3	93.3	93.3	96.1	96.1	96.1	96.1
≥ 300	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.3	93.3	93.3	96.1	96.1	96.1	96.1
≥ 200	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.3	93.3	93.3	96.1	96.1	96.1	96.1
≥ 100	29.9	44.1	47.2	69.3	69.3	79.5	85.8	89.0	92.9	93.3	93.3	93.3	96.1	96.1	96.1	96.1
≥ 0	29.9	44.1	47.2	70.1	70.1	80.3	86.6	90.6	94.5	97.6	97.6	97.6	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

127

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		10.6	13.1	16.0	21.6	21.8	23.6	24.5	25.5	26.3	26.3	26.3	26.3	27.5	27.7	28.4
≥ 20000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 18000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 16000		11.5	14.0	17.3	22.8	23.0	24.8	25.7	27.0	27.9	27.9	28.1	28.1	29.3	29.5	30.4
IV ≥ 14000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 12000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 10000		11.7	14.2	17.4	23.0	23.2	25.0	25.9	27.2	28.1	28.1	28.2	28.2	29.5	29.7	30.6
IV ≥ 9000		11.9	14.4	17.6	23.2	23.4	25.2	26.1	27.3	28.2	28.2	28.4	28.4	29.7	29.9	30.9
IV ≥ 8000		12.4	14.9	18.3	23.9	24.1	26.4	27.3	28.6	29.7	29.7	30.2	30.2	31.5	31.8	32.9
IV ≥ 7000		13.3	15.8	20.5	26.4	26.6	29.0	30.0	31.3	32.6	32.6	33.1	33.1	34.4	34.7	35.8
IV ≥ 6000		14.2	16.9	21.8	27.7	27.9	30.8	31.8	33.1	34.4	34.4	34.9	34.9	36.2	36.5	37.6
IV ≥ 5000		14.2	16.9	22.3	28.6	28.8	31.7	33.3	34.5	36.2	36.2	36.9	36.9	38.1	38.5	39.6
IV ≥ 4500		14.2	16.9	22.3	28.8	29.0	31.8	33.5	34.7	36.3	36.3	37.1	37.1	38.3	38.7	39.7
IV ≥ 4000		14.4	17.1	22.7	29.1	29.5	32.7	34.4	35.6	37.2	37.2	37.9	37.9	39.2	39.6	40.6
IV ≥ 3500		14.9	17.9	23.4	29.9	30.6	33.8	35.4	36.7	38.3	38.3	39.0	39.0	40.3	40.6	41.7
IV ≥ 3000		15.5	18.3	24.5	31.7	32.6	35.8	37.4	38.7	40.6	40.6	41.4	41.4	42.6	43.0	44.1
IV ≥ 2500		17.1	20.0	26.6	34.0	34.9	38.3	40.3	41.5	43.5	43.5	44.2	44.2	45.5	45.9	46.9
IV ≥ 2000		18.9	22.7	29.7	38.3	39.4	43.9	46.2	47.5	49.5	49.5	50.2	50.2	51.4	51.8	52.9
IV ≥ 1800		18.9	22.7	30.0	38.7	39.7	44.2	46.6	47.8	49.8	49.8	50.5	50.5	51.8	52.2	53.2
IV ≥ 1500		19.4	23.2	30.6	39.6	40.6	45.7	48.9	50.4	52.7	52.7	53.6	53.6	54.9	55.2	56.3
IV ≥ 1200		20.0	24.3	31.8	41.0	42.4	47.7	51.3	52.7	55.4	55.4	56.3	56.3	57.6	57.9	59.0
IV ≥ 1000		21.8	26.4	34.2	43.5	45.3	51.4	55.8	57.2	60.1	60.1	61.0	61.2	62.8	63.1	64.2
IV ≥ 900		22.3	27.0	35.1	44.8	46.6	52.7	57.6	59.0	62.4	62.4	63.5	63.7	65.3	65.6	66.7
IV ≥ 800		22.5	27.3	35.4	46.0	47.8	54.3	59.4	60.8	64.9	64.9	66.0	66.2	67.8	68.2	69.2
IV ≥ 700		22.7	27.7	36.0	46.8	48.6	55.2	61.0	62.4	67.4	68.0	69.1	69.2	70.9	71.2	72.3
IV ≥ 600		22.7	27.7	36.7	47.5	50.0	57.9	64.0	65.5	70.9	71.6	72.7	73.0	74.6	75.0	76.1
IV ≥ 500		22.7	28.1	37.1	48.7	51.4	61.2	69.4	71.0	78.4	79.3	80.9	81.7	83.3	83.6	84.7
IV ≥ 400		22.7	28.1	37.1	48.9	51.6	61.9	70.9	72.5	80.0	80.9	82.7	83.6	85.3	85.6	86.7
IV ≥ 300		22.7	28.1	37.1	48.9	51.6	61.9	70.9	72.5	82.4	84.0	86.3	87.9	91.4	91.9	93.9
IV ≥ 200		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	88.8	92.3	92.8	96.0
IV ≥ 100		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	89.0	92.4	93.9	98.4
IV ≥ 0		22.7	28.1	37.1	48.9	51.6	61.9	71.2	73.0	83.3	84.9	87.2	89.0	92.6	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS

556

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47,66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		10.4	12.5	15.2	17.8	18.5	21.5	22.9	24.4	25.1	25.4	25.6	25.6	25.8	25.9	26.1
≥ 2000		11.6	13.6	16.5	19.4	20.2	24.1	26.3	27.8	28.5	29.0	29.1	29.5	29.8	30.1	30.3
≥ 1800		11.6	13.8	16.5	19.4	20.2	24.1	26.3	27.8	28.5	29.0	29.1	29.5	29.8	30.1	30.3
≥ 1600		11.6	13.8	16.5	19.4	20.2	24.1	26.3	27.8	28.5	29.0	29.1	29.5	29.8	30.1	30.3
≥ 1400		11.8	14.0	16.7	19.5	20.4	24.2	26.4	27.9	28.6	29.1	29.3	29.6	30.0	30.3	30.5
≥ 1200		11.9	14.0	16.7	19.5	20.4	24.2	26.4	27.9	28.6	29.1	29.3	29.6	30.0	30.3	30.5
≥ 1000		11.8	14.0	16.7	19.7	20.5	24.4	26.6	28.1	28.8	29.3	29.5	29.8	30.1	30.5	30.6
≥ 800		12.1	14.3	17.0	20.0	20.9	24.7	26.9	28.5	29.1	29.6	29.8	30.1	30.5	30.8	31.0
IV 7000		13.3	15.7	18.7	22.2	23.1	27.1	29.3	30.8	31.5	32.3	32.5	32.8	33.2	33.5	33.7
IV 6000		14.1	16.7	20.0	24.2	25.1	29.3	32.0	33.8	34.8	35.5	35.7	36.0	36.4	36.7	36.9
IV 5000		15.5	18.0	21.5	25.8	26.6	30.8	34.0	35.9	36.9	37.7	37.9	38.2	38.6	38.9	39.1
IV 4500		16.3	18.9	23.2	27.8	28.8	33.2	36.5	38.4	40.2	41.1	41.2	41.6	41.9	42.2	42.4
IV 4000		16.7	19.2	23.6	28.1	29.5	34.0	37.4	39.2	41.1	41.9	42.1	42.4	42.8	43.1	43.3
IV 3500		17.2	19.7	24.9	29.5	31.0	35.5	39.1	40.9	42.9	43.8	43.9	44.3	44.8	45.1	45.3
IV 3000		17.3	20.0	25.3	29.8	31.3	35.9	39.4	41.2	43.3	44.1	44.3	44.6	45.1	45.5	45.6
IV 2500		19.0	21.9	27.6	32.2	33.7	38.4	41.9	43.8	46.0	46.8	47.0	47.3	47.8	48.1	48.3
IV 2000		20.4	23.4	29.1	33.7	35.4	40.4	44.4	46.3	48.5	49.5	49.7	50.0	50.5	50.8	51.0
IV 1800		21.5	24.7	31.3	36.2	38.2	43.8	48.3	50.2	52.4	53.4	53.5	54.0	54.5	54.9	55.1
IV 1500		21.9	25.8	32.7	37.9	40.1	46.3	50.8	52.9	55.4	56.4	56.6	57.1	57.6	57.9	58.1
IV 1200		23.2	27.4	34.5	40.1	42.9	49.8	54.9	56.9	59.6	60.8	60.9	61.4	62.0	62.3	62.5
IV 1000		24.2	28.8	36.2	42.1	45.3	52.9	58.4	60.6	64.0	65.8	66.0	67.0	67.5	67.8	68.0
IV 900		24.4	29.0	36.9	42.8	46.0	53.5	59.1	61.3	64.8	66.7	66.8	67.8	68.4	68.7	68.9
IV 800		25.3	30.1	38.2	44.3	47.5	55.2	61.6	64.0	67.5	69.4	69.5	70.5	71.0	71.4	71.5
IV 700		25.8	31.1	39.4	45.8	49.0	57.2	63.5	67.8	71.7	73.9	74.1	75.3	75.8	76.1	76.3
IV 600		25.9	31.6	40.2	46.6	50.0	58.9	67.8	70.4	75.3	77.4	77.9	79.3	79.8	80.1	80.3
IV 500		25.9	31.6	40.7	47.3	50.7	60.6	70.9	73.4	79.6	82.8	84.3	85.9	86.5	87.0	87.2
IV 400		25.9	31.6	40.9	47.5	50.8	60.8	71.4	73.9	80.8	84.0	85.9	87.7	88.4	89.9	90.1
IV 300		25.9	31.8	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	90.9	94.1	94.6	95.6
IV 200		25.9	31.8	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	91.1	94.6	95.6	97.5
IV 100		25.9	31.8	40.9	47.5	50.8	60.9	71.5	74.1	82.5	86.4	88.6	91.1	94.6	95.6	98.8
IV 0		26.1	32.0	41.1	47.6	51.0	61.1	71.7	74.2	82.7	86.5	88.7	91.2	94.8	95.8	100.0

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000	10.8	12.3	14.1	17.3	18.5	20.8	22.0	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IV 18000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0
IV 16000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0
IV 14000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0
IV 12000	13.4	15.1	16.8	20.1	21.8	24.9	26.8	27.1	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0
IV 10000	13.4	15.1	17.3	20.6	22.5	25.6	27.4	27.8	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.6
IV 9000	14.1	15.8	18.0	21.3	23.2	26.2	28.1	28.5	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.3
IV 8000	15.3	17.0	19.4	22.8	25.2	28.3	30.2	30.5	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.9
IV 7000	17.3	19.0	22.0	25.7	28.1	31.6	33.6	34.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.5
IV 6000	18.9	20.6	23.8	28.3	30.7	34.3	37.2	37.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9	39.1
IV 5000	20.2	22.0	26.4	31.2	33.8	37.6	40.5	40.8	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.9
IV 4500	20.9	22.6	27.1	31.9	35.0	38.8	41.7	42.0	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.1
IV 4000	21.1	23.2	28.0	32.8	36.0	39.8	42.7	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9	45.1
IV 3500	22.1	24.4	29.3	34.6	37.9	41.7	44.6	44.9	46.5	46.8	46.8	46.8	46.8	46.8	46.8	47.0
IV 3000	23.2	25.4	30.5	36.2	40.1	44.3	47.5	48.2	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.3
IV 2500	24.5	26.9	32.8	38.8	42.7	47.0	50.3	50.9	52.5	52.8	52.8	52.8	52.8	52.8	52.8	53.0
IV 2000	27.1	29.7	35.8	42.4	46.5	50.8	54.2	54.9	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.9
IV 1800	27.4	30.0	36.2	42.7	46.8	51.3	54.7	55.4	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.5
IV 1500	30.0	32.8	38.9	45.6	49.7	55.1	58.5	59.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.7
IV 1200	31.7	34.5	41.2	48.2	52.3	57.8	61.4	62.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.7
IV 1000	33.1	36.0	43.6	51.3	55.4	61.7	66.4	67.2	70.3	70.8	70.8	70.8	70.8	70.8	70.8	71.0
IV 900	33.3	36.7	44.9	53.2	57.6	64.3	69.1	70.0	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.8
IV 800	34.3	37.9	46.7	55.2	59.7	66.6	71.5	72.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.3
IV 700	34.8	38.6	48.2	56.9	61.6	68.8	76.3	77.4	80.4	81.3	81.3	81.3	81.3	81.3	81.3	81.6
IV 600	35.2	39.3	49.1	57.8	62.8	70.5	78.5	79.4	82.7	83.5	83.5	83.5	83.5	83.5	83.5	84.6
IV 500	35.5	39.8	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	89.7	90.7
IV 400	35.5	39.8	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	89.7	90.7
IV 300	35.5	39.8	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	89.7	90.7
IV 200	35.5	39.8	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	89.7	90.7
IV 100	35.5	39.8	49.6	58.5	63.8	71.7	80.8	81.8	87.3	89.7	89.7	89.7	89.7	89.7	89.7	90.7
IV 0	35.5	39.8	49.6	58.7	64.0	72.0	82.7	83.7	90.9	94.0	94.9	95.0	95.0	95.0	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS

533

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		11.8	13.8	14.6	17.4	17.9	19.5	21.6	22.1	22.5	22.5	22.5	22.6	22.6	22.6	22.6
≥ 18000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥ 16000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥ 14000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥ 12000		14.6	16.6	18.3	21.8	22.3	24.6	27.0	27.5	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥ 10000		15.5	17.4	19.7	23.2	23.7	26.0	28.4	28.9	29.4	29.4	29.4	29.6	29.6	29.6	29.6
≥ 9000		16.0	17.9	20.2	23.7	24.2	26.5	28.9	29.4	30.0	30.0	30.0	30.1	30.1	30.1	30.1
≥ 8000		16.7	18.6	21.8	25.4	25.9	28.7	31.2	31.7	32.4	32.4	32.4	32.6	32.6	32.6	32.6
≥ 7000		18.6	20.9	24.2	28.2	29.4	32.2	35.0	35.5	36.2	36.2	36.2	36.4	36.4	36.4	36.4
≥ 6000		21.1	23.9	27.4	32.1	33.6	36.6	39.9	40.4	41.1	41.1	41.1	41.3	41.3	41.3	41.3
≥ 5000		22.6	25.6	30.1	35.2	36.9	40.1	43.4	43.9	44.6	44.6	44.6	44.8	44.8	44.8	44.8
≥ 4500		22.6	25.6	30.1	35.2	37.5	40.6	43.9	44.4	45.1	45.1	45.1	45.3	45.3	45.3	45.3
≥ 4000		23.3	26.7	31.2	36.2	38.7	41.8	45.1	45.6	46.3	46.3	46.3	46.5	46.5	46.5	46.5
≥ 3500		23.3	26.7	32.1	37.3	37.7	42.9	46.2	46.7	47.4	47.4	47.4	47.6	47.6	47.6	47.6
≥ 3000		24.9	28.6	34.8	40.6	43.2	46.3	50.0	50.5	51.2	51.4	51.4	51.6	51.6	51.6	51.6
≥ 2500		26.5	30.8	37.6	43.7	46.5	49.7	53.3	53.8	54.7	54.9	54.9	55.1	55.1	55.1	55.1
≥ 2000		28.4	32.9	40.4	47.0	50.2	53.3	57.0	57.5	58.4	58.5	58.5	58.7	58.7	58.7	58.7
≥ 1800		28.4	32.9	40.4	47.0	50.2	53.3	57.0	57.5	58.4	58.5	58.5	58.7	58.7	58.7	58.7
≥ 1500		31.2	36.2	44.1	51.0	54.4	58.4	62.0	62.5	63.6	63.8	63.8	63.9	63.9	63.9	63.9
≥ 1200		32.6	37.6	45.5	52.6	55.9	60.2	64.3	65.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4
≥ 1000		34.3	39.4	48.6	56.6	60.1	65.9	70.4	71.1	72.1	72.3	72.3	72.5	72.5	72.5	72.5
≥ 900		34.5	40.1	49.5	57.5	61.0	67.2	71.8	72.5	73.5	73.7	73.7	73.9	73.9	73.9	73.9
≥ 800		35.2	40.9	51.0	59.1	62.9	69.5	74.6	75.4	76.7	77.7	77.7	77.9	77.9	77.9	77.9
≥ 700		35.9	41.6	51.9	60.3	64.5	72.6	79.3	80.1	82.4	83.6	83.6	84.0	84.1	84.1	84.1
≥ 600		35.9	42.0	52.4	60.8	65.0	73.2	80.3	81.4	84.3	86.1	86.1	86.4	86.6	86.6	86.6
≥ 500		36.4	42.5	53.5	61.8	66.0	74.6	82.8	83.8	89.0	91.8	92.0	92.5	92.7	92.7	93.0
≥ 400		36.4	42.5	53.7	62.0	66.2	75.1	83.3	84.3	90.9	93.9	94.1	94.6	94.9	94.9	95.3
≥ 300		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	91.8	95.1	95.3	95.8	96.3	96.5	96.9
≥ 200		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.6	96.2	96.9	97.2	97.9
≥ 100		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.6	96.2	96.9	97.2	99.3
≥ 0		36.4	42.5	53.7	62.0	66.2	75.1	83.6	84.7	92.2	95.5	95.6	96.2	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

574

1

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34175 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000		13.7	17.6	20.7	23.4	27.0	28.1	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 18000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5
IV 16000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5
IV 14000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5
IV 12000		15.2	19.1	23.0	28.9	30.5	32.4	35.2	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5
IV 10000		15.6	19.3	23.4	29.3	30.9	32.8	36.3	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7
IV 9000		16.8	20.7	24.6	30.5	32.1	34.0	37.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
IV 8000		18.0	21.9	25.8	31.6	34.0	35.9	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2
IV 7000		18.8	22.7	27.0	32.3	35.5	38.3	42.2	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6
IV 6000		19.9	24.2	28.9	34.8	37.9	40.6	44.5	44.5	44.5	44.9	44.9	44.9	44.9	44.9	44.9
IV 5000		22.3	27.0	32.3	39.1	42.2	45.3	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6
IV 4500		22.3	27.0	32.3	39.1	42.2	45.3	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6
IV 4000		22.3	27.0	32.3	39.1	42.2	45.3	49.2	49.2	49.2	50.0	50.0	50.0	50.0	50.0	50.0
IV 3500		22.3	27.0	32.3	39.1	42.2	45.3	49.2	49.2	49.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 3000		22.3	27.0	32.3	39.1	42.2	45.3	49.2	49.2	49.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 2500		23.4	28.1	35.2	44.1	47.7	53.1	57.4	57.4	57.4	57.8	57.8	57.8	58.2	58.2	58.2
IV 2000		24.6	30.1	37.5	46.5	50.8	56.3	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3
IV 1800		24.6	30.1	37.5	46.5	50.8	56.3	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3
IV 1500		28.1	34.0	41.8	50.8	55.5	62.1	66.8	66.8	66.8	67.2	67.2	67.2	67.6	67.6	67.6
IV 1200		28.1	34.0	42.2	52.0	56.6	63.3	68.4	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.1
IV 1000		29.3	36.3	44.9	55.9	60.9	69.1	74.2	74.2	75.8	76.2	76.2	76.2	76.6	76.6	76.6
IV 900		29.3	36.3	44.9	55.9	60.9	69.1	74.2	74.2	75.8	76.2	76.2	76.2	76.6	76.6	76.6
IV 800		29.3	36.3	44.9	55.9	60.9	69.1	74.2	74.2	75.8	76.2	76.2	76.2	76.6	76.6	76.6
IV 700		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 600		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 500		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 400		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 300		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 200		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 100		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5
IV 0		29.7	37.1	46.5	58.2	63.7	72.7	80.1	80.1	83.6	84.8	84.8	85.2	85.5	85.5	85.5

TOTAL NUMBER OF OBSERVATIONS

256

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36172 ANSBACH AAF GERMANY/KATTERBACH 47

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000		20.4	29.0	35.5	44.1	44.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 5000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3500		21.5	32.3	38.7	47.3	47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3000		24.7	35.5	41.9	52.7	52.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	58.1	58.1	58.1
≥ 2500		24.7	35.5	41.9	52.7	52.7	57.0	60.2	60.2	60.2	60.2	60.2	60.2	61.3	61.3	61.3
≥ 2000		29.0	40.9	47.3	58.1	58.1	62.4	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7
≥ 1800		29.0	40.9	47.3	58.1	58.1	62.4	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7
≥ 1500		36.6	50.5	58.1	68.8	68.8	73.1	76.3	76.3	76.3	77.4	77.4	77.4	78.5	78.5	78.5
≥ 1200		36.6	50.5	58.1	68.8	68.8	73.1	76.3	76.3	76.3	77.4	77.4	77.4	78.5	78.5	78.5
≥ 1000		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	80.6	81.7	81.7	82.9	82.9	82.9
≥ 900		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	83.9	84.9	84.9	87.1	87.1	87.1
≥ 800		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	83.9	88.2	88.2	90.3	90.3	90.3
≥ 700		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	83.9	88.2	88.2	90.3	90.3	90.3
≥ 600		36.6	53.8	61.3	72.0	72.0	76.3	79.6	79.6	79.6	83.9	91.4	91.4	93.5	93.5	93.5
≥ 500		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
≥ 400		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
≥ 300		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
≥ 200		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
≥ 100		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	97.8
≥ 0		36.6	53.8	61.3	72.0	72.0	77.4	82.8	82.8	82.8	87.1	94.6	94.6	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

93

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 AASBACH AAF GERMANY/KATTERBACH 47

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		2.5	18.5	25.9	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	32.1	32.1
≥ 20000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 18000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 16000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 14000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 12000		2.5	21.0	28.4	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	34.6	34.6
IV 10000		6.2	24.7	32.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	38.3	38.3
IV 9000		6.2	24.7	32.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	38.3	38.3
IV 8000		8.6	27.2	34.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	39.5	42.0	42.0
IV 7000		8.6	27.2	38.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	43.2	45.7	45.7
IV 6000		12.3	30.9	42.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.9	49.4	49.4
IV 5000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	53.1	53.1
IV 4500		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	53.1	53.1
IV 4000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	53.1	53.1
IV 3500		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	53.1	53.1
IV 3000		12.3	30.9	45.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	50.6	53.1	53.1
IV 2500		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.9	54.3	54.3
IV 2000		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.9	54.3	54.3
IV 1800		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.9	54.3	54.3
IV 1500		12.3	32.1	46.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.9	54.3	54.3
IV 1200		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 1000		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 900		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 800		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 700		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 600		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 500		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 400		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 300		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 200		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 100		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5
IV 0		12.3	33.3	50.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	58.1	60.5	60.5

TOTAL NUMBER OF OBSERVATIONS

81

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.71

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		3.1	14.6	18.8	26.0	26.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
IV 18000		3.1	14.6	19.3	27.1	27.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 16000		3.1	14.6	19.8	27.1	27.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
IV 14000		3.1	14.6	20.8	28.1	28.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 12000		3.1	14.6	20.8	28.1	28.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 10000		6.3	17.7	25.0	32.3	32.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 9000		6.3	17.7	25.0	32.3	32.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 8000		7.3	18.8	26.0	33.3	33.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 7000		8.3	20.8	28.1	35.4	35.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 6000		12.5	25.0	32.3	40.6	40.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 5000		12.5	25.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 4500		12.5	25.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 4000		12.5	25.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 3500		12.5	25.0	34.4	42.7	42.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 3000		12.5	28.1	36.3	44.8	44.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 2500		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 2000		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 1800		12.5	29.2	37.5	45.8	45.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 1500		12.5	29.2	43.8	55.2	55.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 1200		12.5	29.2	43.8	55.2	55.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 1000		12.5	29.2	46.9	58.3	58.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 900		12.5	29.2	46.9	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 800		12.5	29.2	46.9	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 700		12.5	29.2	46.9	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 600		12.5	29.2	46.9	58.3	58.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 500		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 400		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 300		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 200		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 100		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 0		12.5	29.2	46.9	60.4	60.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8

TOTAL NUMBER OF OBSERVATIONS

96

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	10.8	13.9	16.6	20.2	20.4	22.2	22.4	22.4	22.4	22.9	23.1	23.3	23.3	23.3	23.9	24.1
IV 18000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	25.4	26.0	26.2
IV 16000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	25.4	26.0	26.2
IV 14000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	25.4	26.0	26.2
IV 12000	11.8	15.2	18.3	22.2	22.4	24.3	24.5	24.5	25.0	25.2	25.4	25.4	25.4	25.4	26.0	26.2
IV 10000	12.1	15.6	18.7	22.5	22.7	24.7	24.9	24.9	25.4	25.6	25.8	25.8	25.8	25.8	26.4	26.6
IV 9000	12.9	16.6	19.7	23.5	23.7	25.6	26.0	26.0	26.6	26.8	27.0	27.0	27.0	27.0	27.6	27.7
IV 8000	14.8	18.5	22.2	26.0	26.2	28.1	28.5	28.7	29.3	29.7	29.9	29.9	29.9	29.9	30.4	30.6
IV 7000	16.4	20.6	24.7	28.7	28.9	31.2	31.6	31.8	32.4	32.8	32.9	32.9	32.9	32.9	33.5	33.7
IV 6000	19.8	24.1	28.1	32.2	32.4	35.3	35.6	35.8	36.6	37.0	37.2	37.2	37.2	37.2	37.8	38.0
IV 5000	22.0	26.4	31.0	35.3	35.5	38.3	38.7	38.9	40.1	40.5	40.7	40.7	40.7	40.7	41.2	41.4
IV 4500	22.0	26.4	31.2	35.5	35.6	38.5	38.9	39.1	40.3	40.7	40.8	40.8	40.8	40.8	41.4	41.6
IV 4000	22.2	26.8	31.6	36.6	36.8	39.9	40.3	40.5	41.6	42.0	42.2	42.2	42.2	42.2	42.8	43.0
IV 3500	23.9	29.3	34.1	39.9	40.1	43.4	43.7	43.9	45.1	45.5	45.7	45.7	45.7	45.7	46.2	46.4
IV 3000	26.2	32.0	38.9	45.1	45.3	49.5	50.1	50.3	51.4	51.8	52.0	52.0	52.0	52.0	52.6	52.8
IV 2500	27.2	32.9	40.1	46.4	46.8	51.8	52.6	52.8	54.1	54.5	54.7	54.7	54.7	54.7	55.3	55.5
IV 2000	28.3	34.3	42.0	49.7	50.1	56.1	56.8	57.0	58.4	58.8	59.0	59.0	59.0	59.0	59.5	59.7
IV 1800	28.3	34.3	42.2	49.9	50.3	56.3	57.0	57.2	58.6	59.0	59.2	59.2	59.2	59.2	59.7	59.9
IV 1500	29.7	36.4	45.9	53.9	54.3	60.5	61.3	61.5	63.2	63.6	63.8	63.8	63.8	63.8	64.4	64.5
IV 1200	30.6	37.6	47.8	55.9	56.5	63.8	64.5	64.7	67.6	68.2	68.4	68.4	68.4	68.4	69.0	69.2
IV 1000	32.0	39.1	51.8	60.7	61.7	69.4	72.1	72.3	76.3	76.9	77.3	77.3	77.3	77.3	78.4	78.6
IV 900	32.9	40.5	53.6	62.6	63.6	71.9	74.6	74.8	79.6	80.2	80.5	80.5	80.5	80.5	81.7	81.9
IV 800	33.1	40.7	53.0	63.2	64.2	72.4	75.1	75.3	80.2	80.7	81.1	81.1	81.1	81.1	82.3	82.5
IV 700	33.3	40.9	53.9	63.8	64.7	73.0	76.3	76.9	81.7	82.3	82.7	82.7	82.7	82.7	83.8	84.2
IV 600	33.5	41.0	54.1	64.0	64.9	73.8	77.1	77.8	83.6	84.6	85.0	85.0	85.0	85.0	86.1	86.5
IV 500	33.7	41.2	55.3	65.5	66.9	76.3	79.6	80.5	86.9	88.1	88.8	88.8	88.8	88.8	90.0	90.4
IV 400	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.8	91.5	91.5	91.5	91.5	92.7	93.1
IV 300	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	92.7	94.4	95.0
IV 200	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	92.7	94.8	96.3
IV 100	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	92.7	95.0	97.9
IV 0	34.1	41.8	56.1	66.3	67.6	77.1	80.5	81.5	88.2	90.9	92.7	92.7	92.7	92.7	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

519

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47,56-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING		10.9	14.2	16.1	17.3	17.7	20.2	20.0	20.6	21.2	21.2	21.2	21.2	21.4	21.4	21.7
IV 20000		14.8	18.8	21.7	23.1	23.5	26.0	26.4	26.4	27.0	27.0	27.0	27.0	27.2	27.2	27.6
IV 18000		14.8	18.8	21.7	23.1	23.5	26.0	26.4	26.4	27.0	27.0	27.0	27.0	27.2	27.2	27.6
IV 16000		14.9	18.8	21.7	23.1	23.5	26.0	26.4	26.4	27.0	27.0	27.0	27.0	27.2	27.2	27.6
IV 14000		15.1	19.2	22.1	23.5	23.9	26.4	26.8	26.8	27.4	27.4	27.4	27.4	27.6	27.6	28.0
IV 12000		15.1	19.2	22.1	23.5	23.9	26.4	26.8	26.8	27.4	27.4	27.4	27.4	27.6	27.6	28.0
IV 10000		15.1	19.2	22.7	24.1	24.5	27.0	27.4	27.4	28.0	28.0	28.0	28.0	28.2	28.2	28.5
IV 9000		15.5	19.6	23.1	24.7	25.0	27.6	28.3	28.3	28.9	28.9	28.9	28.9	29.1	29.1	29.5
IV 8000		16.9	21.0	24.7	26.4	26.8	29.7	30.7	30.7	31.3	31.3	31.3	31.3	31.5	31.5	31.8
IV 7000		21.0	25.4	29.5	31.3	31.7	34.8	35.7	35.7	36.5	36.5	36.5	36.5	36.7	36.7	37.1
IV 6000		23.9	28.3	32.8	34.6	35.0	38.4	39.4	39.4	40.4	40.4	40.4	40.4	40.6	40.6	41.0
IV 5000		25.4	29.9	34.6	36.5	36.9	40.6	41.7	41.7	42.9	42.9	42.9	42.9	43.1	43.1	43.5
IV 4500		25.4	29.9	34.6	36.5	36.9	40.6	41.7	41.7	42.9	42.9	42.9	42.9	43.1	43.1	43.5
IV 4000		27.0	31.5	36.5	38.4	38.8	42.9	44.1	44.1	45.2	45.2	45.2	45.2	45.4	45.4	45.8
IV 3500		29.3	34.0	39.0	41.0	41.4	45.4	46.6	46.6	47.8	47.8	47.8	47.8	48.0	48.0	48.3
IV 3000		31.8	37.1	43.9	45.8	46.2	51.8	53.2	53.2	54.4	54.4	54.4	54.4	54.6	54.6	55.0
IV 2500		34.6	39.8	46.6	48.5	48.9	54.8	56.1	56.1	57.3	57.3	57.3	57.3	57.5	57.5	57.9
IV 2000		35.5	41.4	48.7	51.5	52.2	59.2	61.0	61.0	62.1	62.1	62.1	62.1	62.3	62.3	62.7
IV 1800		35.5	41.4	48.7	51.5	52.2	59.4	61.2	61.2	62.3	62.3	62.3	62.3	62.5	62.5	62.9
IV 1500		36.5	42.7	50.3	53.0	53.8	61.0	63.5	63.5	64.9	64.9	65.0	65.0	65.2	65.2	65.6
IV 1200		37.3	44.3	52.6	56.5	57.5	63.2	68.0	68.0	70.9	71.3	71.8	71.8	72.0	72.0	72.4
IV 1000		40.0	47.4	56.3	61.2	62.1	69.9	73.4	73.4	77.3	77.7	78.3	78.3	78.4	78.4	78.8
IV 900		40.8	48.2	57.1	61.9	62.9	71.3	74.8	74.8	79.2	79.6	80.2	80.6	80.8	80.8	81.2
IV 800		41.0	48.3	57.5	62.3	63.3	72.0	75.9	75.9	80.8	81.2	81.7	82.1	82.3	82.3	82.7
IV 700		41.9	49.3	58.6	63.9	64.9	73.6	77.7	77.7	82.7	83.1	83.7	84.1	84.7	84.7	85.0
IV 600		41.9	49.3	59.0	64.3	65.6	74.8	79.0	79.0	84.3	84.7	85.4	85.8	86.4	86.4	86.8
IV 500		42.1	49.5	59.8	65.0	66.4	75.9	80.4	80.4	86.0	86.8	88.3	88.7	89.3	89.3	89.9
IV 400		42.3	49.7	60.0	65.2	66.6	76.1	80.8	80.8	87.2	88.2	90.7	91.8	92.6	92.8	93.4
IV 300		42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	93.0	94.6	96.1	96.9
IV 200		42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	93.0	94.6	96.1	96.9
IV 100		42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	93.0	94.6	96.1	96.9
IV 0		42.5	49.9	60.2	65.4	66.8	76.3	81.0	81.0	88.0	89.5	92.4	93.0	94.6	96.1	96.9

TOTAL NUMBER OF OBSERVATIONS

515

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/KAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		16.4	17.8	19.3	21.2	22.2	23.4	24.1	24.3	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 20000		20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 18000		20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 16000		20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 14000		20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 12000		20.5	22.8	24.5	26.4	27.6	28.8	29.5	29.7	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 10000		21.4	23.7	26.1	28.1	29.2	30.3	31.1	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 9000		21.6	24.1	26.8	28.6	29.9	31.1	31.9	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 8000		22.2	24.7	27.4	29.7	31.3	32.4	33.2	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 7000		24.7	27.2	29.9	32.2	33.8	35.1	35.9	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5
IV 6000		26.3	29.0	31.9	34.2	35.7	37.5	38.2	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 5000		27.2	30.1	33.4	35.7	37.3	39.0	39.8	40.0	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 4500		27.8	30.7	34.0	36.3	37.8	39.6	40.3	40.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 4000		29.3	32.6	35.9	38.2	39.8	41.5	42.3	42.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 3500		32.0	35.3	38.8	41.1	42.7	44.4	45.2	45.4	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 3000		35.1	39.6	44.0	46.3	47.9	49.8	50.6	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 2500		38.4	43.1	47.9	50.2	51.7	53.7	54.4	54.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 2000		41.1	47.3	52.5	55.4	57.1	59.8	60.6	60.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 1800		41.3	47.5	52.9	55.8	57.5	60.2	61.0	61.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 1500		45.4	51.7	57.9	62.0	63.7	66.8	67.8	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 1200		46.5	53.5	59.7	65.3	67.6	70.8	72.2	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1000		49.2	56.6	63.3	69.1	71.6	75.1	77.0	77.4	78.8	79.3	79.3	80.1	80.1	80.1	80.1
IV 900		49.2	56.6	63.3	69.1	71.6	75.1	77.2	77.6	79.0	79.5	79.5	80.3	80.3	80.3	80.3
IV 800		49.8	57.3	65.1	71.6	74.3	78.0	80.5	80.9	82.8	83.4	83.6	84.4	84.4	84.4	84.4
IV 700		50.8	58.3	65.0	73.0	75.7	79.5	82.6	83.4	85.3	86.1	86.3	87.1	87.1	87.1	87.1
IV 600		51.0	58.5	66.2	73.4	76.1	80.7	84.4	85.1	87.6	88.6	89.0	89.8	89.8	89.8	89.8
IV 500		51.2	58.7	66.8	73.9	76.6	81.3	85.5	86.5	90.3	92.3	93.2	94.0	94.2	94.2	94.2
IV 400		51.2	58.7	67.2	74.3	77.0	81.7	86.1	87.1	91.3	94.0	95.4	96.3	96.5	96.5	96.5
IV 300		51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.2	96.5	98.3	98.5	98.5	98.5
IV 200		51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	98.8
IV 100		51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	98.8
IV 0		51.2	58.7	67.2	74.3	77.0	81.9	86.5	87.5	91.9	95.4	96.7	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

518

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72
STATION NAME

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING Feet	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		19.2	20.9	22.3	23.7	23.7	24.5	25.0	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8
≥ 20000		25.4	28.2	30.1	31.5	31.5	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
IV 18000		25.4	28.2	30.1	31.5	31.5	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
IV 16000		25.4	28.2	30.1	31.5	31.5	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
IV 14000		25.4	28.2	30.1	31.5	31.5	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
IV 12000		25.4	28.2	30.1	31.5	31.5	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
IV 10000		27.0	29.7	31.7	33.1	33.1	33.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.2	35.2
IV 9000		27.4	30.1	32.1	33.5	33.5	34.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6
IV 8000		29.5	32.3	34.2	36.0	36.0	36.6	37.4	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7
IV 7000		31.1	31.9	35.8	38.0	38.6	39.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.7	40.7
IV 6000		32.5	35.2	37.2	39.7	40.3	41.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7
IV 5000		33.3	35.2	38.5	41.1	41.7	42.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0
IV 4500		33.3	36.2	38.6	41.1	41.7	42.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0
IV 4000		35.2	38.4	40.7	43.4	44.0	45.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6
IV 3500		36.4	39.5	41.9	44.8	45.4	46.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9
IV 3000		38.9	43.1	45.4	48.5	49.1	50.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9
IV 2500		42.3	47.2	50.1	53.6	54.2	55.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1
IV 2000		45.2	51.1	54.0	58.1	58.7	60.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
IV 1800		46.4	52.3	55.2	59.3	59.9	61.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8
IV 1500		49.3	55.2	59.1	64.4	65.0	66.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1
IV 1200		51.3	57.3	61.4	67.9	68.5	71.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0
IV 1000		53.8	60.5	65.4	72.2	72.8	76.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5
IV 900		55.0	62.0	67.1	74.0	74.6	78.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6
IV 800		55.4	62.6	68.5	75.5	76.1	79.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6
IV 700		55.4	62.6	68.5	75.7	76.3	81.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
IV 600		55.6	62.8	68.9	76.3	77.2	82.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1
IV 500		55.6	63.0	69.7	77.3	78.2	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7
IV 400		55.6	63.0	69.7	77.3	78.2	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7
IV 300		56.6	63.8	69.9	77.5	78.5	84.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
IV 200		56.6	63.8	69.9	77.5	78.5	84.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
IV 100		56.6	63.8	70.1	77.7	78.7	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2
IV 0		56.6	63.8	70.1	77.7	78.7	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2

USAF ETAC 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

511

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47.6672

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1410-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	16.8	19.0	22.5	24.2	24.7	26.4	27.7	27.7	28.1	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 20000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 18000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 16000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000	21.6	24.2	27.7	29.4	29.9	31.6	32.9	32.9	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 12000	21.6	25.1	28.6	30.3	30.7	32.5	33.8	33.8	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000	24.7	28.1	31.6	33.3	33.8	35.5	36.8	36.8	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 9000	25.5	29.0	32.5	34.2	34.6	36.4	37.7	37.7	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 8000	28.6	32.0	35.4	38.5	39.4	41.1	42.4	42.4	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 7000	29.9	33.3	36.8	40.7	42.0	43.7	45.0	45.0	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 6000	30.3	33.8	37.2	42.0	43.3	45.0	46.8	46.8	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 5000	30.7	34.2	40.3	42.9	44.2	46.3	47.6	47.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4500	30.7	34.2	40.3	42.9	44.2	46.3	47.6	47.6	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4000	31.2	35.9	42.0	45.9	47.2	49.8	51.1	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 3500	31.2	36.8	42.9	47.2	48.5	51.1	52.4	52.4	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 3000	32.5	38.5	45.5	49.8	51.1	53.7	55.0	55.0	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2500	35.4	42.9	50.2	55.0	56.3	58.9	60.2	60.2	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 2000	38.1	45.5	52.8	57.6	58.9	62.3	64.5	64.5	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	38.5	46.3	53.7	58.4	59.7	63.2	65.4	65.4	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	39.8	47.6	55.4	60.2	61.5	65.4	67.5	67.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	40.3	48.1	55.8	60.6	61.9	66.7	68.8	68.8	71.4	71.9	71.9	72.3	72.3	72.3	72.3	72.3
≥ 1000	41.1	48.9	58.4	63.2	64.5	70.6	73.2	73.2	76.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 900	42.0	49.8	59.3	64.1	65.4	72.3	77.1	77.1	80.5	82.3	82.3	82.7	82.7	82.7	82.7	82.7
≥ 800	42.4	50.2	60.2	64.9	66.2	74.9	80.1	80.1	84.0	85.7	85.7	86.1	86.1	86.1	86.1	86.1
≥ 700	42.4	50.2	60.6	66.2	68.0	77.1	82.3	82.3	86.6	88.3	88.3	88.7	88.7	88.7	88.7	88.7
≥ 600	43.3	51.1	61.9	68.0	69.7	78.8	84.0	84.4	89.3	90.0	90.0	90.5	90.5	90.5	90.5	90.5
≥ 500	44.6	52.4	63.2	69.7	71.4	80.5	86.1	86.6	92.2	93.9	93.9	94.3	94.3	94.3	94.3	94.3
≥ 400	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.1	96.1	96.5	96.5	96.5	96.5	96.5
≥ 300	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9
≥ 200	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9
≥ 100	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9
≥ 0	44.6	52.4	63.2	69.7	71.4	81.0	87.0	87.4	93.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9

TOTAL NUMBER OF OBSERVATIONS

231

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/INOC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
NO CEILING		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.6	28.8	28.8	28.8	28.8	28.8
≥ 20000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 18000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 16000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 14000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 12000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 10000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 9000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 8000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 7000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 6000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 5000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 4500		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 4000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 3500		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 3000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 2000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 1800		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 1500		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 1200		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 1000		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 900		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 800		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 700		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 600		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 500		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 400		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 300		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 200		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 100		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8
≥ 0		5.0	16.3	23.8	27.5	27.5	27.5	27.5	27.5	27.5	28.8	28.8	28.8	28.8	28.8	28.8

TOTAL NUMBER OF OBSERVATIONS

80

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ALC

CEILING VERSUS VISIBILITY

34172 ANSBACH AFB GERMANY/KATTERBACH 47

ANR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200

CEILING FEET	VISIBILITY STATUTES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 12000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 9000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 6000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 5000	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 4500	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 4000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3500	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2500	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 1800	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1500	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 1200	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 900	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 800	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 700	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 600	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 500	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 400	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 300	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 200	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 100	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7

TOTAL NUMBER OF OBSERVATIONS

90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 47.71

ZAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0320-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000		28.9	30.4	30.4	31.1	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 18000		30.4	31.9	31.9	34.1	34.1	34.8	34.8	34.8	34.8	34.8	34.8	34.8	36.3	36.3	36.3
IV 16000		31.1	32.6	32.6	34.8	34.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	37.0	37.0	37.0
IV 14000		33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 12000		33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 10000		33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 9000		33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 8000		33.3	34.8	34.8	37.0	37.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	39.3	39.3	39.3
IV 7000		36.3	37.8	37.8	40.7	40.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.0	43.0	43.0
IV 6000		41.5	43.7	43.7	47.4	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	49.6	49.6	49.6
IV 5000		44.4	46.7	46.7	52.6	52.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	55.6	55.6	55.6
IV 4500		45.2	47.4	47.4	53.3	53.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	56.3	56.3	56.3
IV 4000		46.7	48.9	48.9	54.8	54.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	57.8	57.8	57.8
IV 3500		48.1	50.4	50.4	56.3	56.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	59.3	59.3	59.3
IV 3000		51.9	54.1	54.1	61.5	61.5	63.7	64.4	64.4	64.4	64.4	64.4	64.4	65.9	65.9	65.9
IV 2500		52.6	54.8	55.6	62.2	62.2	65.2	65.9	65.9	65.9	65.9	65.9	66.7	68.1	68.1	68.1
IV 2000		52.6	54.8	55.6	63.7	63.7	66.7	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6	69.6
IV 1800		52.6	54.8	55.6	63.7	63.7	66.7	67.4	67.4	67.4	67.4	67.4	68.1	69.6	69.6	69.6
IV 1500		52.6	51.5	62.2	70.4	70.4	73.3	74.1	74.1	74.1	74.1	74.1	74.8	76.3	76.3	76.3
IV 1200		52.6	51.5	62.2	71.9	71.9	74.8	75.6	75.6	75.6	75.6	75.6	76.3	78.5	78.5	78.5
IV 1000		57.0	59.6	70.4	81.5	81.5	86.7	87.4	89.6	89.6	89.6	89.6	90.4	92.6	92.6	92.6
IV 900		57.0	59.6	70.4	81.5	81.5	86.7	87.4	89.6	89.6	89.6	89.6	90.4	92.6	92.6	92.6
IV 800		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 700		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 600		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 500		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 400		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 300		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 200		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 100		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	98.5
IV 0		57.0	59.6	72.6	83.7	83.7	90.4	91.1	93.3	93.3	93.3	93.3	94.1	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

135

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

36172 ANSBAC AAF GERMANY/KATTERBACH 47.66-72

2AR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	22.0	24.8	27.7	29.2	30.1	32.9	33.7	33.7	34.3	34.8	34.8	35.3	35.4	35.9	36.5	36.5
≥ 18000	24.2	27.4	30.4	31.9	32.2	35.9	36.7	36.7	37.3	37.8	37.8	38.3	38.5	38.9	39.6	39.6
IV 16000	24.5	27.7	30.8	32.2	33.5	36.2	37.0	37.0	37.7	38.1	38.1	38.6	38.8	39.3	39.9	39.9
IV 14000	24.5	27.7	30.8	32.2	33.5	36.2	37.0	37.0	37.7	38.1	38.1	38.6	38.8	39.3	39.9	39.9
IV 12000	24.8	28.0	31.1	32.5	33.5	36.5	37.3	37.3	38.0	38.5	38.5	38.9	39.1	39.6	40.2	40.2
IV 10000	25.2	28.4	31.4	32.9	34.1	36.9	37.7	37.7	38.3	38.8	38.8	39.3	39.4	39.9	40.5	40.5
IV 9000	25.5	28.7	32.1	33.5	34.8	37.7	38.5	38.5	39.1	39.6	39.6	40.1	40.2	40.7	41.3	41.3
IV 8000	25.5	28.7	32.1	33.5	34.9	37.8	38.6	38.6	39.3	39.7	39.7	40.2	40.4	40.9	41.5	41.5
IV 7000	28.4	31.6	35.1	36.7	38.1	41.0	41.8	41.8	42.5	42.9	42.9	43.4	43.8	44.2	44.9	44.9
IV 6000	31.1	34.5	38.3	40.1	41.8	45.2	46.0	46.0	47.0	47.4	47.4	47.9	48.2	48.7	49.4	49.4
IV 5000	34.9	38.6	42.9	45.0	46.8	50.2	51.0	51.0	51.9	52.4	52.4	52.9	53.2	53.7	54.3	54.3
IV 4500	35.6	39.3	43.6	46.0	47.8	51.6	52.4	52.4	53.5	54.0	54.0	54.6	55.0	55.4	56.1	56.1
IV 4000	35.7	39.4	43.8	46.2	47.9	51.8	52.6	52.6	53.7	54.2	54.2	54.8	55.1	55.6	56.3	56.3
IV 3500	36.9	41.3	45.7	48.2	50.0	53.8	54.6	54.6	55.9	56.4	56.4	57.1	57.4	57.9	58.6	58.6
IV 3000	37.7	42.3	46.6	49.4	51.1	55.1	55.9	55.9	57.2	57.7	57.7	58.3	58.7	59.1	59.8	59.8
IV 2500	39.7	45.2	50.2	53.2	55.0	59.8	60.6	60.6	62.3	62.8	62.8	63.5	64.3	64.7	65.4	65.4
IV 2000	40.4	46.3	51.4	54.6	56.6	61.4	62.2	62.2	63.9	64.4	64.4	65.1	65.9	66.3	67.0	67.0
IV 1800	42.1	48.7	53.8	57.1	59.0	63.9	64.7	64.7	66.5	67.0	67.0	67.6	68.4	68.9	69.6	69.6
IV 1500	42.6	49.7	54.8	58.0	59.9	64.9	65.7	65.7	67.5	67.9	67.9	68.1	68.6	69.4	69.9	70.5
IV 1200	43.0	50.9	55.8	59.2	61.7	66.7	67.5	67.5	69.3	69.7	69.7	70.7	71.1	71.8	72.5	72.5
IV 1000	46.3	54.6	61.1	65.2	67.1	73.1	74.2	74.2	76.4	76.9	76.9	77.2	77.7	78.7	79.2	79.8
IV 900	48.1	57.7	64.4	68.8	70.7	77.2	79.3	79.3	82.4	83.0	83.0	83.8	84.8	85.4	86.1	86.1
IV 800	48.1	58.3	65.1	69.4	71.3	78.0	80.3	80.3	83.3	84.1	84.1	84.9	85.9	86.5	87.2	87.2
IV 700	48.6	59.3	66.2	70.7	72.6	79.5	81.7	81.7	85.4	86.2	86.2	87.3	88.3	88.9	89.6	89.6
IV 600	48.7	59.5	66.3	71.5	73.4	80.3	82.5	82.5	86.7	87.5	87.5	88.0	89.1	90.1	90.7	91.3
IV 500	48.7	59.6	66.7	71.6	73.6	80.6	83.0	83.0	87.2	88.0	88.0	89.5	90.5	91.2	91.8	91.8
IV 400	48.7	59.6	66.7	71.6	73.7	80.8	83.3	83.3	87.7	88.9	88.9	90.4	91.3	92.8	93.4	94.1
IV 300	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.3	88.9	90.5	90.5	92.0	94.1	95.0	96.2	97.0
IV 200	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.3	88.9	90.5	90.5	92.0	94.2	96.0	97.1	98.6
IV 100	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.3	88.9	90.5	90.5	92.0	94.2	96.0	97.1	99.7
IV 0	48.7	59.6	66.7	71.8	73.7	80.8	83.3	83.3	88.9	90.5	90.5	92.0	94.2	96.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

624

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3472 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	26.0	27.2	30.0	31.1	32.1	33.0	33.3	33.3	33.3	33.5	33.5	33.5	33.8	33.8	33.8	33.8
≥ 18000	29.2	30.9	34.1	35.3	36.4	37.5	37.8	37.8	38.1	38.2	38.2	38.3	38.6	38.6	38.6	38.6
IV 16000	29.5	31.3	34.5	35.6	36.7	37.8	38.1	38.1	38.5	38.6	38.6	38.6	38.9	38.9	38.9	38.9
IV 14000	29.5	31.3	34.5	35.6	36.7	37.8	38.1	38.1	38.5	38.6	38.6	38.6	38.9	38.9	38.9	38.9
IV 12000	29.6	31.4	34.6	35.7	36.9	38.0	38.3	38.3	38.6	38.8	38.8	38.8	39.1	39.1	39.1	39.1
IV 10000	30.0	31.7	34.9	36.1	37.2	38.3	38.6	38.6	38.9	39.1	39.1	39.1	39.4	39.4	39.4	39.4
IV 9000	30.6	32.4	35.7	36.9	38.0	39.3	39.6	39.6	39.9	40.1	40.1	40.1	40.4	40.4	40.4	40.4
IV 8000	31.1	32.9	36.2	37.3	38.5	39.7	40.1	40.1	40.4	40.5	40.5	40.5	40.9	40.9	40.9	40.9
IV 7000	34.0	35.7	39.4	40.5	42.0	43.4	43.8	43.8	44.1	44.2	44.2	44.2	44.6	44.6	44.6	44.6
IV 6000	36.1	37.8	41.7	42.9	44.4	45.8	46.2	46.3	46.6	46.8	46.8	46.8	47.1	47.1	47.1	47.1
IV 5000	38.9	40.7	44.9	46.2	47.6	49.2	49.5	49.7	50.0	50.2	50.2	50.2	50.5	50.5	50.5	50.5
IV 4500	40.4	42.1	46.3	47.8	49.2	50.8	51.1	51.3	51.6	51.8	51.9	51.9	52.1	52.1	52.1	52.1
IV 4000	42.5	44.2	48.6	50.0	51.4	53.2	53.5	53.7	54.3	54.5	54.5	54.5	54.8	54.8	54.8	54.8
IV 3500	44.4	46.2	50.6	52.1	53.5	55.4	55.8	55.9	56.6	56.7	56.7	56.9	57.5	57.5	57.5	57.5
IV 3000	46.0	48.9	54.2	55.9	57.4	59.5	59.8	59.9	61.2	61.4	61.4	61.9	62.7	62.7	62.7	62.7
IV 2500	49.0	52.2	57.9	59.6	61.1	63.1	63.5	63.6	64.9	65.1	65.1	65.5	66.3	66.3	66.3	66.3
IV 2000	51.9	55.6	61.5	63.3	64.9	67.3	67.6	67.8	69.2	69.4	69.4	69.9	70.7	70.7	70.7	70.7
IV 1800	52.6	56.3	62.2	63.9	65.5	67.9	68.3	68.4	69.9	70.0	70.0	70.5	71.3	71.3	71.3	71.3
IV 1500	56.7	60.7	67.3	69.2	70.8	73.4	73.7	73.9	75.3	75.6	75.6	76.1	76.9	76.9	76.9	76.9
IV 1200	58.7	63.3	70.2	72.1	73.9	76.6	77.1	77.2	78.8	79.2	79.2	79.8	80.6	80.6	80.6	80.6
IV 1000	60.3	65.1	72.3	74.4	76.3	79.3	80.6	80.8	82.4	83.2	83.2	83.8	84.6	84.6	84.6	84.6
IV 900	60.9	65.9	73.1	75.2	77.1	80.1	81.7	81.9	84.0	84.3	84.3	84.9	85.7	85.7	85.7	85.7
IV 800	61.2	66.7	73.9	76.1	78.2	81.4	83.2	83.3	85.7	86.4	86.4	87.2	88.0	88.0	88.0	88.0
IV 700	61.4	66.8	74.0	76.3	78.4	81.9	83.8	84.0	86.7	87.3	87.3	88.3	89.1	89.1	89.1	89.1
IV 600	61.5	67.0	74.2	76.6	78.7	82.5	84.8	84.9	87.7	88.3	88.3	89.3	90.1	90.1	90.1	90.1
IV 500	61.7	67.3	74.5	77.4	79.5	83.5	86.2	86.4	90.1	91.5	91.5	92.8	93.6	93.6	93.6	93.6
IV 400	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.3	93.9	94.4	95.7	96.5	96.5	96.5	96.5
IV 300	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.8	95.0	96.0	97.9	98.7	98.7	98.7	98.7
IV 200	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4
IV 100	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4
IV 0	61.7	67.3	74.7	77.7	79.8	83.8	87.7	87.8	92.9	95.2	96.2	98.6	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

624

1
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		25.8	26.4	27.2	27.2	27.7	27.7	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 18000		29.2	30.0	30.8	30.8	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 16000		29.2	30.0	30.8	30.8	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 14000		29.5	30.3	31.1	31.1	31.6	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 12000		30.8	31.6	32.4	32.4	32.9	32.9	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
IV 10000		31.6	32.4	33.2	33.2	33.9	33.9	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 9000		31.6	32.4	33.2	33.2	33.9	33.9	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 8000		34.0	35.0	36.3	36.3	37.0	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 7000		37.0	38.1	39.5	39.5	40.4	40.4	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 6000		40.8	42.0	43.4	43.4	44.2	44.2	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 5000		42.1	43.3	44.7	44.7	45.7	45.7	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 4500		42.9	44.1	45.5	45.5	46.5	46.5	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 4000		44.5	45.7	47.3	47.3	48.2	48.2	48.5	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9
IV 3500		46.0	47.2	48.8	48.8	49.8	49.8	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 3000		49.6	51.1	53.6	54.0	54.9	55.2	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 2500		57.2	59.0	61.9	62.6	63.5	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 2000		61.3	63.0	66.1	66.8	67.7	68.6	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 1800		62.7	64.5	67.6	68.4	69.4	70.2	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1500		67.6	69.7	73.1	74.2	75.2	76.0	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 1200		70.2	72.3	76.3	77.5	78.6	79.6	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 1000		72.9	75.7	79.9	81.4	82.5	83.6	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 900		73.3	76.0	80.2	81.7	83.0	84.1	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 800		74.2	77.3	82.0	83.5	85.3	86.4	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 700		74.2	77.3	82.0	83.6	85.4	86.5	87.2	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 600		74.2	77.3	82.2	84.0	85.7	86.8	87.3	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 500		74.6	77.8	83.0	84.8	86.5	87.6	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 400		74.7	78.0	83.5	85.6	87.5	88.6	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 300		74.7	78.0	83.5	85.6	87.5	88.6	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 200		74.7	78.0	83.5	85.6	87.5	88.6	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 100		74.7	78.0	83.5	85.6	87.5	88.6	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 0		74.7	78.0	83.5	85.6	87.5	88.6	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6

TOTAL NUMBER OF OBSERVATIONS

617

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.56-72

VAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		30.0	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
IV 18000		34.5	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 16000		34.5	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 14000		34.8	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 12000		35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 10000		36.5	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 9000		37.7	38.5	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 8000		39.2	40.0	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 7000		42.0	42.8	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 6000		44.5	45.7	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 5000		46.5	47.8	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 4500		47.2	48.5	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 4000		49.2	50.5	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 3500		50.3	51.7	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 3000		54.2	55.5	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 2500		60.7	62.8	64.5	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 2000		66.2	68.3	70.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 1800		67.5	69.7	71.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1500		73.2	76.0	77.8	79.0	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1200		75.7	79.0	81.3	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1000		77.2	81.3	84.0	85.8	86.2	86.8	87.3	87.5	88.0	88.2	88.2	88.2	88.2	88.2	88.2
IV 900		77.2	81.8	84.7	86.7	87.2	88.2	88.8	89.3	89.8	90.0	90.0	90.0	90.0	90.0	90.0
IV 800		77.7	82.5	86.2	88.5	89.0	90.0	90.7	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 700		78.0	82.8	86.7	89.0	89.7	90.8	91.7	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2
IV 600		78.3	83.2	87.0	89.7	90.3	91.7	93.0	93.7	94.7	95.0	95.3	95.3	95.3	95.3	95.3
IV 500		78.3	83.2	87.0	90.0	90.7	92.3	94.2	94.8	96.8	97.2	97.5	97.5	97.5	97.5	97.7
IV 400		78.3	83.2	87.2	90.2	90.8	92.5	94.5	95.2	97.7	98.5	98.8	98.8	98.8	98.8	99.2
IV 300		78.3	83.2	87.2	90.2	90.8	92.5	94.8	95.5	98.2	99.2	99.5	99.5	99.5	99.5	99.8
IV 200		78.3	83.7	87.2	90.2	90.8	92.5	94.8	95.5	98.2	99.3	99.7	99.7	99.7	99.7	100.0
IV 100		78.3	83.2	87.2	90.2	90.8	92.5	94.8	95.5	98.2	99.3	99.7	99.7	99.7	99.7	100.0
IV 0		78.3	83.2	87.2	90.2	90.8	92.5	94.8	95.5	98.2	99.3	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

600

1
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47.06-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING ≥ 20000		31.1	33.3	34.1	34.1	34.1	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 18000		32.6	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 16000		33.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 14000		35.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 12000		35.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 10000		37.8	40.0	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 9000		39.6	41.9	42.6	42.6	42.6	42.6	42.6	42.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 8000		41.1	43.7	44.8	44.8	45.6	45.6	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 7000		44.4	47.0	48.5	48.5	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 6000		46.7	49.6	51.1	51.1	51.9	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 5000		49.3	53.0	54.4	54.4	55.2	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 4500		50.0	54.1	55.6	55.6	56.3	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 4000		53.0	56.7	58.1	58.1	58.9	58.9	58.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 3500		54.1	57.8	59.3	59.3	60.0	60.0	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 3000		56.3	60.7	62.2	62.2	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 2500		59.3	64.1	65.6	65.6	67.0	67.0	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 2000		64.8	70.4	72.2	72.2	74.4	74.4	74.4	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 1800		65.9	71.5	73.3	74.1	75.6	75.6	75.6	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 1500		69.6	77.4	79.6	80.4	81.9	82.2	82.6	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1200		70.0	78.1	80.4	81.1	82.6	83.0	83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1000		71.5	80.0	83.0	83.7	85.2	86.3	87.0	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 900		71.5	80.0	83.3	84.1	85.6	87.4	88.5	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 800		72.6	81.1	85.2	85.9	87.4	89.3	90.4	91.1	92.2	92.2	92.2	92.2	92.2	92.6	92.6
IV 700		74.1	82.6	86.7	87.4	88.9	91.1	92.6	93.7	95.2	95.2	95.2	95.2	95.2	95.6	95.6
IV 600		74.1	82.6	86.7	87.4	88.9	91.1	93.0	94.1	95.9	96.7	96.7	96.7	97.0	97.4	97.4
IV 500		74.1	82.6	86.7	87.8	89.3	91.5	93.7	94.8	97.0	97.8	97.8	98.1	98.1	98.5	98.5
IV 400		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 300		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 200		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 100		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0
IV 0		74.8	83.3	87.4	88.5	90.0	92.2	94.4	95.6	98.1	99.3	99.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

270

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/11AC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH

47

PAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		25.4	28.0	28.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 20000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
18000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
16000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
14000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
12000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
10000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
9000		33.3	35.5	35.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
8000		35.5	37.6	37.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
7000		46.2	48.4	51.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
6000		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
5000		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4500		52.7	54.8	58.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4000		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
3500		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
3000		58.1	60.2	63.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
2500		60.2	62.4	65.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2000		65.6	67.7	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
1800		65.6	67.7	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
1500		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1200		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1000		72.0	76.3	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
900		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
800		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
700		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
600		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
500		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
400		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
300		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
200		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
100		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
0		75.3	81.7	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000		62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000		62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000		62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000		62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000		63.3	63.3	63.3	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000		64.4	64.4	64.4	64.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000		64.4	64.4	64.4	64.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000		67.8	67.8	67.8	67.8	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000		70.0	70.0	70.0	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000		74.4	74.4	74.4	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000		74.4	74.4	74.4	74.4	74.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500		75.6	75.6	75.6	75.6	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000		77.8	77.8	77.8	77.8	77.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500		78.9	78.9	78.9	78.9	78.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000		78.9	78.9	78.9	78.9	78.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500		80.0	80.0	80.0	80.0	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000		93.3	93.3	93.3	93.3	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		93.3	93.3	93.3	93.3	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U		96.7	96.7	96.7	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

APK

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

G300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 20000		58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 18000		58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 16000		58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 14000		58.9	58.9	58.9	58.9	58.9	60.0	61.1	61.1	62.2	62.2	62.2	62.2	62.2	63.3	64.4
≥ 12000		63.3	63.3	63.3	63.3	63.3	64.4	65.6	65.6	66.7	66.7	66.7	66.7	66.7	67.8	68.9
≥ 10000		65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
≥ 9000		65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
≥ 8000		65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
≥ 7000		65.6	65.6	65.6	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9	68.9	70.0	71.1
≥ 6000		70.0	70.0	70.0	70.0	70.0	71.1	72.2	72.2	73.3	73.3	73.3	73.3	73.3	75.6	76.7
≥ 5000		74.4	74.4	74.4	74.4	74.4	75.6	76.7	76.7	77.8	77.8	77.8	77.8	77.8	80.0	81.1
≥ 4500		74.4	74.4	74.4	74.4	74.4	75.6	76.7	76.7	77.8	77.8	77.8	77.8	77.8	80.0	81.1
≥ 4000		75.6	75.6	75.6	75.6	75.6	76.7	77.8	77.8	78.9	78.9	78.9	78.9	78.9	81.1	82.2
≥ 3500		76.7	76.7	76.7	76.7	76.7	77.8	78.9	78.9	80.0	80.0	80.0	80.0	80.0	82.2	83.3
≥ 3000		77.8	77.8	77.8	77.8	77.8	78.9	80.0	80.0	81.1	81.1	81.1	81.1	81.1	83.3	84.4
≥ 2500		81.1	81.1	81.1	81.1	81.1	82.2	83.3	83.3	84.4	84.4	84.4	84.4	84.4	86.7	87.8
≥ 2000		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 1800		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 1500		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 1200		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 1000		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 900		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 800		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 700		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 600		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 500		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 400		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 300		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 200		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 100		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0
≥ 0		91.1	93.3	93.3	93.3	93.3	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.56-70.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3400-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		29.9	33.5	36.1	37.4	37.4	37.9	39.3	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.4
≥ 20000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
≥ 18000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
≥ 16000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
≥ 14000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
≥ 12000		34.4	38.0	40.6	42.7	42.7	44.2	45.1	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.9
≥ 10000		35.2	38.7	41.5	43.6	43.6	45.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.8
≥ 9000		35.2	38.7	41.5	43.6	43.6	45.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.8
≥ 8000		38.3	42.5	45.3	47.6	47.6	49.1	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.8
≥ 7000		41.5	45.7	48.7	51.3	51.3	52.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.5
≥ 6000		45.1	50.2	53.6	56.2	56.2	57.9	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.6
≥ 5000		47.2	53.6	57.0	59.6	59.6	62.0	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	64.1
≥ 4500		47.2	53.6	57.0	59.6	59.6	62.0	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	64.1
≥ 4000		48.1	54.7	58.1	60.7	60.7	63.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	65.2
≥ 3500		48.7	55.3	58.6	61.3	61.3	63.7	64.8	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.8
≥ 3000		50.6	57.1	61.5	64.3	64.3	67.1	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	69.2
≥ 2500		50.9	58.3	62.6	65.4	65.4	68.2	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	70.3
≥ 2000		54.7	62.4	66.9	70.1	70.1	73.1	74.4	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.6
≥ 1800		54.7	62.4	66.9	70.1	70.1	73.1	74.4	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.6
≥ 1500		57.1	65.0	69.7	72.9	72.9	76.1	77.4	77.8	78.8	78.9	78.9	78.9	78.9	78.9	79.5
≥ 1200		58.1	66.4	71.2	74.6	74.6	78.0	79.9	80.3	81.4	81.8	81.8	81.8	81.8	81.8	82.3
≥ 1000		59.8	68.0	73.1	76.7	76.7	80.1	82.3	83.8	85.2	85.9	85.9	85.9	85.9	85.9	86.5
≥ 900		61.1	69.4	74.6	78.2	78.2	82.5	85.3	85.7	87.0	87.8	87.8	87.8	87.8	87.8	88.3
≥ 800		62.0	70.3	75.6	79.3	79.3	84.4	87.4	87.8	89.1	89.8	89.8	89.8	89.8	89.8	90.4
≥ 700		62.4	70.7	75.9	79.7	79.7	84.8	87.8	88.2	89.5	90.4	90.4	90.4	90.4	90.4	91.0
≥ 600		62.8	71.1	76.3	80.3	80.3	85.3	88.3	88.9	90.6	91.9	91.9	91.9	91.9	91.9	92.5
≥ 500		63.7	72.6	78.2	82.3	82.3	88.0	91.4	91.9	93.6	95.1	95.1	95.1	95.1	95.1	95.7
≥ 400		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	97.7	97.7	97.7	98.5
≥ 300		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	98.3	98.7	98.7	99.4
≥ 200		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	98.3	98.7	98.9	99.8
≥ 100		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	98.3	98.7	98.9	99.8
≥ 0		63.7	72.6	78.2	82.3	82.3	88.3	91.9	92.5	94.5	96.6	97.7	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

532

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

24172

ANSBACH AAF GERMANY/KATTERBACH

47.66-70.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥	≥	≥
NO CEILING ≥ 20000		32.5	24.6	36.1	30.5	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.4
≥ 18000		37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 16000		37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 14000		37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 12000		37.4	40.4	42.1	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.4
IV 10000		37.6	40.6	42.3	42.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6
IV 9000		38.3	41.5	43.2	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
IV 8000		39.7	43.2	44.9	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
IV 7000		41.9	45.5	47.2	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7
IV 6000		43.5	49.4	51.1	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
IV 5000		44.5	52.6	54.3	54.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0
IV 4500		48.9	53.0	54.7	55.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
IV 4000		50.2	54.3	56.0	56.6	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
IV 3500		50.8	55.1	56.8	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5
IV 3000		53.8	58.3	60.7	61.3	62.8	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.9
IV 2500		55.3	60.2	62.6	63.3	65.0	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2
IV 2000		62.2	67.5	70.3	71.4	72.9	73.5	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 1800		62.4	67.9	70.7	71.8	73.3	73.9	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.6
IV 1500		64.8	70.9	74.8	76.1	78.4	78.9	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.7
IV 1200		66.5	72.6	76.7	78.6	81.2	81.8	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7
IV 1000		70.9	76.9	81.6	83.5	86.1	87.0	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.2
IV 900		71.4	77.6	82.3	84.2	87.0	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.5
IV 800		72.7	78.9	83.6	85.7	88.7	90.0	90.6	90.6	91.5	91.5	91.5	91.5	91.5	91.5	91.7
IV 700		73.3	79.5	84.4	86.7	89.8	91.4	91.9	91.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
IV 600		74.2	80.5	85.5	88.0	91.2	93.0	93.6	93.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
IV 500		74.2	81.0	86.3	89.1	92.3	94.2	95.1	95.5	96.8	96.8	97.2	97.2	97.2	97.2	97.4
IV 400		74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.4	97.6	98.3	98.7	99.1	99.1	99.2
IV 300		74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	98.9	99.4	99.8	99.8	100.0
IV 200		74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	98.9	99.4	99.8	99.8	100.0
IV 100		74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	98.9	99.4	99.8	99.8	100.0
IV 0		74.2	81.0	86.3	89.1	92.3	94.4	95.3	95.9	97.6	97.9	98.9	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

532

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.56-70.72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000		35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000		35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000		35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 12000		35.7	36.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 10000		36.5	37.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 9000		36.8	38.0	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 8000		38.2	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 7000		41.7	42.9	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000		44.7	46.1	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 5000		46.2	48.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 4500		46.6	48.5	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 4000		47.9	50.0	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 3500		46.9	50.9	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3000		52.3	54.7	57.1	57.3	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 2500		59.2	61.7	64.7	64.8	65.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2000		67.7	70.3	73.7	73.9	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800		68.8	71.4	74.4	75.0	75.8	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500		73.7	77.3	81.2	81.4	82.1	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200		75.2	78.7	82.9	83.1	83.8	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000		77.4	81.6	86.1	86.3	87.4	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900		79.1	83.3	88.0	88.3	89.3	90.2	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800		79.9	84.0	88.7	89.3	90.2	91.0	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700		80.5	84.6	89.3	90.6	91.7	92.7	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600		81.2	85.3	90.2	91.5	93.2	94.2	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500		82.5	86.8	92.7	94.0	95.7	96.6	97.4	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		82.5	86.8	92.9	94.2	95.9	97.2	97.9	97.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		82.7	87.0	93.0	94.4	96.1	97.4	98.1	98.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

532

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

47,66-70,72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000		33.7	34.5	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 18000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 14000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000		41.1	42.0	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000		42.0	42.9	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 8000		42.9	43.9	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 7000		43.8	46.9	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 6000		48.8	50.7	51.4	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000		49.9	52.0	52.9	52.9	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 4500		50.1	52.2	53.1	53.1	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4000		53.1	55.2	56.1	56.1	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500		55.4	57.4	58.6	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3000		59.3	61.6	62.7	62.7	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 2500		66.3	69.3	71.2	71.2	71.9	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2000		75.9	79.1	81.4	81.5	82.3	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800		76.3	80.0	82.3	82.3	83.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500		81.9	85.1	87.6	88.3	89.1	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200		82.1	85.3	87.8	88.5	89.3	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000		84.2	87.6	90.2	91.0	91.7	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900		85.3	88.9	91.5	92.5	93.4	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800		85.7	89.1	91.9	93.0	94.2	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700		86.3	89.6	92.5	93.8	94.9	95.5	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600		87.4	90.8	93.6	94.9	96.0	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		87.8	91.5	94.7	96.2	97.4	97.9	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		87.8	91.5	94.7	96.4	97.6	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

531

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~34172~~ ~~ANSBACH AAF GERMANY/KATTERBACH~~ ~~47,66-70,72~~

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000		44.0	44.4	45.9	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 18000		50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000		50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000		50.0	50.7	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000		50.4	51.1	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000		51.9	52.6	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000		52.6	53.4	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000		56.3	57.3	59.0	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000		58.6	59.7	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000		62.3	63.8	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000		63.8	65.3	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500		63.8	65.3	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000		67.2	68.7	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500		68.3	69.8	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000		71.3	73.1	75.0	75.0	75.0	75.4	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500		74.6	76.3	78.4	78.7	78.7	79.1	79.5	79.5	79.5	79.9	80.2	80.2	80.2	80.2	80.2
≥ 2000		83.2	85.1	87.3	87.7	87.7	88.1	88.4	88.4	88.4	88.8	89.2	89.2	89.2	89.2	89.2
≥ 1800		84.0	85.8	88.8	89.2	89.2	89.6	89.9	89.9	89.9	90.3	90.7	90.7	90.7	90.7	90.7
≥ 1500		88.8	90.7	93.7	94.0	94.0	94.4	94.8	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5
≥ 1200		88.8	90.7	93.7	94.0	94.0	94.4	94.8	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5
≥ 1000		89.9	91.8	94.8	95.5	95.5	95.9	96.3	96.3	96.3	96.6	97.0	97.0	97.0	97.0	97.0
≥ 900		90.7	92.3	95.5	96.3	96.3	96.5	97.0	97.0	97.0	97.4	97.8	97.8	97.8	97.8	97.8
≥ 800		90.7	92.3	96.3	97.0	97.0	97.4	97.8	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.5
≥ 700		90.7	92.3	96.3	97.0	97.0	97.4	97.8	97.8	97.8	98.1	98.5	98.5	98.5	98.5	98.5
≥ 600		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 500		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 400		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 300		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 200		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 100		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3
≥ 0		91.0	93.3	97.0	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47

ARR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		65.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000		67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000		67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000		67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000		67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000		71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000		71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000		72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000		72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000		74.4	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000		74.4	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500		74.4	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000		75.6	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500		75.6	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000		77.8	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500		77.8	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000		87.8	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800		87.8	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500		95.6	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.7	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90

1
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34172 ANSRACH AAF GERMANY/KATTERBACH 46-47

KAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 16000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 14000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 12000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 10000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 9000		61.1	61.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 8000		63.0	63.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000		79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 6000		79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 5000		79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4500		79.6	79.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4000		85.2	85.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500		85.2	87.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3000		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		92.6	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

54

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1	≥1.5	≥1
NO CEILING		28.6	30.6	36.7	38.8	38.8	43.9	44.9	44.9	44.9	44.9	44.9	44.9	45.9	45.9	48.0
≥ 20000		29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	48.0	49.0	49.0	49.0	50.0	50.0	52.0
≥ 18000		29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	49.0	49.0	49.0	50.0	50.0	52.0
≥ 16000		29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	49.0	49.0	49.0	50.0	50.0	52.0
≥ 14000		29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	50.0	50.0	50.0	51.0	51.0	53.1
≥ 12000		29.6	31.6	39.8	41.8	41.8	46.9	48.0	48.0	49.0	50.0	50.0	50.0	51.0	51.0	53.1
≥ 10000		32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	53.1	54.1	54.1	55.1	55.1	55.1	57.1
≥ 9000		32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	53.1	54.1	54.1	55.1	55.1	55.1	57.1
≥ 8000		32.7	34.7	43.9	45.9	45.9	51.0	52.0	52.0	54.1	55.1	55.1	56.1	56.1	56.1	58.2
≥ 7000		38.8	40.8	50.0	52.0	52.0	58.2	59.2	59.2	61.2	62.2	62.2	63.3	63.3	63.3	65.3
≥ 6000		40.8	42.9	52.0	54.1	54.1	60.2	61.2	61.2	63.3	64.3	64.3	65.3	65.3	65.3	67.3
≥ 5000		41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4
≥ 4500		41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4
≥ 4000		41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4
≥ 3500		41.8	43.9	53.1	55.1	55.1	61.2	62.2	62.2	64.3	65.3	65.3	66.3	66.3	66.3	68.4
≥ 3000		53.1	56.1	66.3	70.4	70.4	77.6	78.6	78.6	80.6	81.6	81.6	82.7	82.7	82.7	84.7
≥ 2500		53.1	56.1	66.3	71.4	71.4	78.6	79.6	79.6	81.6	82.7	82.7	83.7	83.7	83.7	85.7
≥ 2000		53.1	56.1	68.4	74.5	74.5	82.7	83.7	83.7	85.7	86.7	86.7	87.8	87.8	87.8	89.8
≥ 1800		53.1	56.1	68.4	74.5	74.5	82.7	83.7	83.7	85.7	86.7	86.7	87.8	87.8	87.8	89.8
≥ 1500		54.1	57.1	69.4	78.6	78.6	86.7	87.8	87.8	89.8	90.8	90.8	91.8	91.8	91.8	93.9
≥ 1200		54.1	57.1	69.4	78.6	78.6	86.7	87.8	87.8	89.8	90.8	90.8	91.8	91.8	91.8	93.9
≥ 1000		54.1	57.1	69.4	79.6	79.6	89.8	91.8	91.8	93.9	94.9	94.9	95.9	95.9	95.9	98.0
≥ 900		55.1	58.2	70.4	80.6	80.6	90.8	92.9	92.9	94.9	95.9	95.9	96.9	96.9	96.9	99.0
≥ 800		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 700		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 600		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 500		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 400		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 300		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 200		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 100		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0
≥ 0		55.1	58.2	70.4	81.6	81.6	91.8	93.9	93.9	95.9	96.9	96.9	98.0	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

96

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

46-47,66-70,72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		29.2	31.8	33.5	34.4	34.7	35.2	35.9	35.9	37.0	37.1	37.1	37.1	37.3	37.5	37.5
≥ 20000		26.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3
IV 18000		36.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3
IV 16000		36.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3
IV 14000		36.4	39.4	41.8	42.7	43.0	43.5	44.6	44.6	45.8	45.9	45.9	45.9	46.1	46.3	46.3
IV 12000		36.8	39.7	42.1	43.0	43.4	43.9	45.1	45.1	46.6	46.8	46.8	46.8	47.0	47.2	47.2
IV 10000		37.5	40.4	42.8	43.7	44.0	44.6	45.8	45.8	47.3	47.5	47.5	47.5	47.7	47.8	47.8
IV 9000		37.7	40.8	43.4	44.2	44.6	45.1	46.3	46.3	47.8	48.0	48.0	48.0	48.2	48.4	48.4
IV 8000		41.8	45.6	48.7	49.6	49.9	50.6	52.0	52.0	53.5	53.7	53.7	53.7	53.9	54.1	54.1
IV 7000		46.3	50.3	53.9	54.9	55.3	56.0	57.3	57.3	59.1	59.2	59.2	59.6	59.8	59.9	59.9
IV 6000		49.4	53.4	57.5	58.9	59.2	59.9	61.3	61.3	63.0	63.2	63.2	63.6	63.7	63.9	63.9
IV 5000		50.9	54.9	59.1	60.6	61.0	61.7	63.0	63.0	64.8	64.9	64.9	65.3	65.5	65.6	65.6
IV 4500		51.5	55.4	59.6	61.1	61.5	62.7	64.1	64.1	66.0	66.1	66.1	66.7	66.8	67.0	67.0
IV 4000		54.1	58.0	62.5	64.2	64.8	66.1	67.5	67.5	69.4	69.6	69.6	70.1	70.3	70.5	70.5
IV 3500		56.0	60.1	64.8	67.0	68.0	69.6	71.0	71.0	72.9	73.1	73.1	73.6	73.7	73.9	73.9
IV 3000		58.7	63.0	68.2	70.5	71.5	73.1	75.2	75.2	77.2	77.4	77.4	77.9	78.1	78.2	78.2
IV 2500		59.8	64.1	69.3	72.0	73.1	74.6	76.9	76.9	78.8	78.9	78.9	79.4	79.6	79.8	79.8
IV 2000		60.8	65.0	72.0	74.8	75.8	77.4	79.6	79.6	81.7	81.9	81.9	82.4	82.6	82.7	82.7
IV 1800		60.8	65.0	72.0	74.8	75.8	77.4	79.6	79.6	81.7	81.9	81.9	82.4	82.6	82.7	82.7
IV 1500		61.7	66.8	73.9	76.7	77.7	79.3	81.5	81.5	83.6	83.8	83.8	84.3	84.5	84.6	84.6
IV 1200		62.3	67.7	75.0	77.9	78.9	80.5	82.7	82.7	84.8	85.0	85.0	85.5	85.7	85.8	85.8
IV 1000		63.3	71.0	78.8	81.9	82.9	84.6	87.2	87.2	89.3	89.5	89.5	90.0	90.2	90.3	90.3
IV 900		65.5	71.2	79.1	82.4	83.6	85.8	88.9	88.9	91.0	91.2	91.2	91.7	91.9	92.1	92.1
IV 800		66.7	72.6	80.3	83.6	85.0	87.4	90.8	90.8	92.9	93.1	93.1	93.6	93.8	94.0	94.0
IV 700		66.8	72.5	80.5	83.8	85.1	88.1	91.5	91.5	93.6	93.8	93.8	94.3	94.5	94.6	94.6
IV 600		66.8	72.5	80.8	84.1	85.7	88.9	92.6	92.7	95.5	95.9	95.9	96.4	96.5	96.7	96.7
IV 500		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	96.9	97.4	97.4	97.9	98.1	98.3	98.3
IV 400		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	97.2	97.8	97.8	98.3	98.6	98.8	98.8
IV 300		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	97.2	97.8	97.8	98.3	98.6	99.1	99.5
IV 200		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	97.2	97.8	97.8	98.3	98.6	99.1	99.5
IV 100		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	97.2	97.8	97.8	98.3	98.6	99.1	100.0
IV 0		67.2	72.9	81.3	84.6	86.4	90.0	93.6	93.8	97.2	97.8	97.8	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

379

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

46-47, 66-70, 72

XAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING		37.0	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.2
≥ 20000		45.9	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000		45.9	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000		45.9	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 14000		46.1	47.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 12000		46.4	48.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 10000		47.0	48.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 9000		47.8	49.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 8000		51.5	53.0	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 7000		54.4	56.2	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 6000		58.3	60.0	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 5000		59.5	61.2	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4500		59.8	61.6	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 4000		61.4	63.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 3500		62.4	64.2	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3000		65.0	67.0	69.4	69.9	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2500		67.1	69.0	71.7	72.5	72.7	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 2000		71.7	73.9	77.4	78.3	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1800		72.3	74.6	78.6	79.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1600		74.1	76.3	80.3	81.7	82.1	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1400		77.0	79.7	83.7	85.0	85.4	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200		79.3	82.1	86.8	88.5	88.9	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000		79.3	82.3	87.0	88.9	89.4	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 800		79.8	83.1	88.0	90.1	90.8	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 700		80.7	84.5	89.4	91.8	92.9	93.9	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 600		80.7	84.5	89.7	92.3	93.7	93.8	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0		80.9	85.0	90.4	93.0	94.4	97.4	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

575

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 36172 ANSBACH AAF GERMANY/KATTERBACH

DATE 46-47,66-70,72

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000		33.6	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 18000		43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 16000		43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 14000		43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 12000		43.4	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 10000		44.1	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 9000		47.7	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 8000		47.8	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 7000		50.2	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 6000		52.9	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 5000		54.3	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 4500		55.2	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 4000		57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 3500		60.6	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 3000		66.6	67.2	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 2500		71.5	72.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 2000		79.1	80.8	82.2	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1800		79.9	81.8	83.6	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1500		83.9	86.2	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1200		84.8	87.4	89.3	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1000		86.7	89.9	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 900		88.2	91.2	93.1	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800		88.8	91.7	93.9	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700		89.4	92.5	95.3	95.7	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600		89.4	92.6	95.3	96.0	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500		89.8	93.6	96.7	97.6	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		89.8	93.6	96.9	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		89.8	93.6	96.9	97.8	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		89.8	93.6	96.9	97.8	98.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

578

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

46-47.66-70.72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
IV 20000		43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 18000		43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 16000		43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 14000		43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 12000		43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 10000		44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 9000		45.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 8000		49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 7000		54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 6000		58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 5000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 4500		61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 4000		64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 3500		66.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 3000		74.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 2500		80.5	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2000		85.5	86.9	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800		86.1	87.5	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1500		88.5	89.9	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200		90.1	91.5	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1000		91.8	93.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900		92.3	94.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 800		92.7	94.6	95.3	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700		93.0	94.9	96.3	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 600		93.6	95.8	97.2	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		93.6	96.0	98.3	99.0	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

574

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH

46-47,66-70,72

XAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .02	≥ 0
NO CEILING ≥ 20000		41.8	41.8	41.8	41.8	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000		51.3	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000		51.3	51.6	51.6	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000		51.6	52.0	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000		51.6	52.0	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000		53.5	53.8	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000		53.5	53.8	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000		58.2	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000		65.8	66.2	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000		70.5	70.9	70.9	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000		72.7	73.1	73.1	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500		73.5	73.8	73.8	73.8	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000		78.2	78.5	78.5	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500		80.0	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		84.7	85.1	85.1	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500		87.6	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000		89.8	91.6	92.0	92.0	92.0	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		90.5	92.4	92.7	92.7	92.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500		92.4	94.2	94.5	94.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200		92.4	94.2	94.5	94.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000		93.5	96.0	96.4	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900		93.5	96.0	96.4	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800		93.5	96.0	96.4	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700		93.5	96.0	96.4	96.4	96.4	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0		94.2	97.1	97.1	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

275

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

JAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		58.3	58.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 20000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000		60.4	60.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000		62.5	62.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000		62.5	62.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 10000		66.7	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000		66.7	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000		66.7	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000		61.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 6000		85.4	85.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 5000		85.4	85.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500		89.6	89.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000		89.6	89.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3500		89.6	89.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000		93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500		93.8	93.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		97.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

48

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING V 20000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 18000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 16000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 14000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 12000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 10000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 9000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 8000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 7000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 6000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 5000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 4500	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 4000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 3500	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 3000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2500	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 1800	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 1500	87.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	87.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1000	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 900	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 800	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 700	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 600	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 500	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 400	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 300	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 200	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

86

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		34.4	34.4	34.4	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.9	35.9	37.4
≥ 20000		38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	42.0
IV 18000		38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	42.0
IV 16000		38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	42.0
IV 14000		39.7	39.7	39.7	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	41.2	41.2	42.7
IV 12000		40.5	40.5	40.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	42.0	42.0	43.8
IV 10000		42.7	42.7	42.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	45.0	45.0	46.6
IV 9000		42.7	42.7	42.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	45.0	45.0	46.6
IV 8000		47.3	47.3	47.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.7	52.7	54.2
IV 7000		51.9	51.9	51.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.3	57.3	58.8
IV 6000		54.2	54.2	55.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.3	60.3	61.8
IV 5000		56.5	56.5	58.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.4	63.4	64.9
IV 4500		56.5	56.5	58.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.4	63.4	64.9
IV 4000		58.8	58.8	60.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.6	65.6	67.2
IV 3500		60.3	60.3	61.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	67.2	67.2	68.7
IV 3000		64.9	64.9	66.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.8	71.8	73.3
IV 2500		67.2	67.2	69.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.8	74.8	76.3
IV 2000		75.6	76.3	78.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.0	84.0	85.5
IV 1800		75.6	76.3	78.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.0	84.0	85.5
IV 1500		78.6	80.2	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.5	88.5	89.3
IV 1200		78.6	80.2	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.5	88.5	89.3
IV 1000		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 900		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 800		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 700		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 600		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 500		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 400		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 300		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 200		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 100		79.4	80.9	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.3	89.3	90.1
IV 0		79.4	80.9	84.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.1	90.1	91.6

TOTAL NUMBER OF OBSERVATIONS

131

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 46266-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		34.6	38.7	40.5	41.7	42.0	42.9	43.2	43.4	43.7	43.9	43.9	43.9	43.9	43.9	44.2
≥ 20000		40.9	45.0	46.8	48.2	48.5	49.3	49.7	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.7
≥ 18000		40.9	45.0	46.8	48.2	48.5	49.3	49.7	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.7
IV 16000		40.9	45.0	46.8	48.2	48.5	49.3	49.7	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.7
IV 14000		41.2	45.5	47.3	48.7	49.0	49.8	50.2	50.3	50.7	50.8	50.8	50.8	50.8	50.8	51.2
IV 12000		41.2	45.5	47.3	48.7	49.0	49.8	50.2	50.3	50.7	50.8	50.8	50.8	50.8	50.8	51.2
IV 10000		41.9	46.5	48.3	49.7	50.0	50.8	51.2	51.3	51.7	51.8	51.8	51.8	51.8	51.8	52.2
IV 9000		42.7	47.5	49.3	50.8	51.2	52.0	52.3	52.5	52.8	53.0	53.0	53.0	53.0	53.0	53.3
IV 8000		47.5	52.5	54.5	56.0	56.3	57.3	58.0	58.1	58.6	58.8	58.8	58.8	58.8	58.8	59.1
IV 7000		50.3	55.8	58.1	59.6	60.6	61.5	62.3	62.5	63.0	63.1	63.1	63.1	63.1	63.1	63.5
IV 6000		51.8	57.5	60.3	62.0	62.3	64.0	64.8	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.9
IV 5000		53.3	59.0	61.8	63.8	64.1	65.8	66.8	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.9
IV 4500		53.5	59.3	62.1	64.1	64.5	66.1	67.1	67.3	67.8	67.9	67.9	67.9	67.9	67.9	68.3
IV 4000		56.0	62.1	65.0	66.9	67.3	69.3	70.3	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.4
IV 3500		57.0	63.1	65.9	67.9	68.3	70.4	71.4	71.6	72.1	72.3	72.3	72.3	72.3	72.3	72.6
IV 3000		57.6	63.5	67.3	69.9	70.3	72.4	73.4	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.6
IV 2500		59.0	65.1	69.1	71.8	72.1	74.6	75.6	75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.7
IV 2000		62.1	68.3	72.3	75.4	75.7	78.2	79.2	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.4
IV 1800		62.3	68.4	72.4	75.6	75.9	78.4	79.4	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.6
IV 1500		63.8	69.9	74.4	77.6	77.9	80.7	81.7	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.9
IV 1200		64.1	70.3	74.9	78.1	78.4	81.4	82.4	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.6
IV 1000		65.4	72.1	77.4	81.1	81.4	84.9	86.0	86.2	86.9	87.0	87.0	87.0	87.0	87.0	87.4
IV 900		65.4	72.3	77.9	81.7	82.1	85.3	86.7	86.9	87.9	88.0	88.2	88.2	88.2	88.2	88.5
IV 800		65.8	72.6	78.2	82.2	82.5	86.0	87.7	87.9	88.9	89.0	89.2	89.2	89.2	89.2	89.5
IV 700		66.1	72.7	78.6	82.6	82.9	86.4	88.0	88.4	89.7	89.8	90.2	90.2	90.2	90.2	90.5
IV 600		66.6	73.4	79.1	83.1	83.4	87.3	89.3	89.5	90.9	91.0	91.4	91.4	91.4	91.4	91.7
IV 500		67.1	74.1	79.9	84.2	84.6	89.0	91.0	92.0	93.3	93.7	94.0	94.0	94.0	94.0	94.4
IV 400		67.1	74.4	80.2	84.7	85.0	89.3	92.2	93.2	96.2	96.7	97.0	97.2	97.2	97.2	97.7
IV 300		67.1	74.4	80.2	84.7	85.0	89.3	92.4	93.4	96.3	96.8	97.2	97.7	98.2	98.2	98.7
IV 200		67.1	74.4	80.2	84.7	85.0	89.3	92.4	93.4	96.3	96.8	97.2	97.7	98.2	98.5	99.3
IV 100		67.1	74.4	80.2	84.7	85.0	89.3	92.4	93.4	96.3	96.8	97.2	97.7	98.2	98.5	99.3
IV 0		67.1	74.4	80.2	84.7	85.0	89.3	92.4	93.4	96.3	96.8	97.2	97.7	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 46.06-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		35.9	36.7	37.5	38.3	39.0	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000		44.6	45.4	46.2	47.2	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000		44.6	45.4	46.2	47.2	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000		44.6	45.4	46.2	47.2	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000		45.1	45.9	46.7	47.7	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000		45.1	45.9	46.7	47.7	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 10000		45.6	46.4	47.2	48.2	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000		46.1	47.0	47.9	48.8	49.5	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 8000		50.5	51.5	52.3	53.5	54.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000		52.6	54.1	54.9	56.3	56.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000		54.9	56.4	57.4	58.7	59.4	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000		55.9	57.6	58.6	59.9	60.5	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4500		56.3	57.9	59.0	60.4	61.0	62.2	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000		57.6	59.2	60.4	61.7	62.3	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500		59.2	60.9	62.0	63.3	64.3	65.5	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000		63.8	65.6	66.9	68.4	69.4	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500		65.8	67.8	69.1	70.6	71.5	72.7	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000		73.0	75.0	76.6	78.5	79.4	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800		73.4	75.3	77.0	78.8	79.8	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1500		76.3	78.5	80.4	82.2	83.2	84.4	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200		77.3	79.4	81.4	82.2	84.2	85.4	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000		78.1	81.6	83.9	86.0	87.0	88.2	88.5	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900		78.1	81.6	84.4	86.7	87.7	88.8	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800		78.9	82.4	85.2	87.8	88.8	90.1	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700		78.9	82.7	85.7	88.8	89.8	91.4	92.3	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600		79.1	82.9	86.5	90.0	91.1	92.6	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0		79.1	83.2	87.3	91.0	92.3	95.2	96.2	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

603

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66=72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		30.8	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 20000		37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 18000		37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 16000		37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 14000		37.3	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 12000		37.4	37.9	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 10000		38.1	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
IV 9000		39.0	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 8000		43.6	44.1	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 7000		46.3	47.0	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 6000		49.6	50.3	50.8	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 5000		50.3	50.9	51.5	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4500		51.8	52.5	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 4000		53.7	54.4	54.9	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 3500		57.4	58.5	59.0	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 3000		68.0	69.1	69.6	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 2500		72.8	74.2	74.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2000		79.7	81.9	82.6	82.9	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800		80.0	82.2	82.9	83.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500		84.4	87.0	87.7	88.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200		85.6	88.4	90.3	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000		87.4	90.1	92.1	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900		87.4	90.1	92.1	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800		87.5	90.2	92.6	93.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 700		87.9	91.1	93.7	94.9	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 600		88.0	91.3	94.4	95.6	96.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 500		88.2	91.5	94.7	96.1	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400		88.2	92.0	95.2	96.6	97.3	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300		88.2	92.0	95.2	96.6	97.3	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200		88.2	92.0	95.2	96.6	97.3	98.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		88.2	92.0	95.2	96.6	97.3	98.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0		88.2	92.0	95.2	96.6	97.3	98.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

585

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ SAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING		31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000		35.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000		39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000		39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000		39.5	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 12000		39.7	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 10000		40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 9000		40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000		45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 7000		50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 6000		53.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 5000		55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500		57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4000		60.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3500		64.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3000		76.0	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500		81.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000		86.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800		86.4	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		88.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		89.0	92.1	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000		89.5	92.8	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900		89.5	92.8	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800		89.5	92.8	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500		89.9	93.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 0		89.9	94.2	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS

572

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 24172 ANSBACH AAF GERMANY/KATTERBACH 45.66-72.72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 16000		47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000		48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000		48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000		49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000		50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000		56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 7000		62.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000		63.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000		64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500		66.0	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000		69.5	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500		71.4	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000		77.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500		81.1	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000		85.5	90.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800		87.6	91.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		88.0	91.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200		98.0	91.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000		88.4	91.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900		88.4	91.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800		88.4	91.9	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700		88.4	91.9	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600		88.4	91.9	95.0	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500		88.4	91.9	95.4	95.8	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400		88.4	92.3	96.5	96.9	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300		88.4	92.3	96.5	96.9	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200		88.4	92.3	96.5	96.9	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100		88.4	92.3	96.5	96.9	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0		88.4	92.3	96.5	96.9	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

259

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 18000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 16000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 14000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 12000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 10000		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 9000		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 8000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 7000		48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 6000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 5000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4500		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 3500		60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 3000		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 2500		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 2000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1500		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1200		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1000		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 900		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 800		86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 700		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 600		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 500		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 400		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 300		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 200		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 100		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 0		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2

TOTAL NUMBER OF OBSERVATIONS

68

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36172 ANSBACH AAF GERMANY/KATTERBACH

46

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 20000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 16000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 12000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 8000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 6000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000		93.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500		93.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		95.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

87

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	54.7	57.8	57.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	55.5	58.6	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	57.8	60.9	60.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	58.6	61.7	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	62.5	65.6	65.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	70.3	73.4	73.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	76.6	79.7	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	78.9	82.0	82.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	78.9	82.0	82.0	83.6	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	78.9	82.0	82.0	83.6	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	80.5	83.6	83.6	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	82.8	85.9	85.9	87.5	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	82.8	85.9	85.9	87.5	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	83.6	86.7	86.7	88.2	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	83.6	86.7	86.7	88.2	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 500	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 400	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 300	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 200	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 100	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 0	85.2	88.2	88.2	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6

TOTAL NUMBER OF OBSERVATIONS

128

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		40.8	42.1	45.3	47.7	48.5	49.6	49.9	49.9	50.8	50.8	50.9	51.1	51.1	51.1	51.1
IV 20000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 18000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 16000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 14000		44.9	46.3	49.6	52.2	53.4	54.9	55.3	55.3	56.1	56.1	56.3	56.5	56.5	56.5	56.5
IV 12000		45.8	47.2	50.8	53.4	54.6	56.3	57.0	57.0	57.9	57.9	58.0	58.2	58.2	58.2	58.2
IV 10000		47.5	49.1	53.2	56.0	57.2	59.1	59.8	59.8	60.6	60.6	60.8	61.0	61.0	61.0	61.0
IV 9000		48.4	50.1	54.4	57.2	58.4	60.3	61.0	61.0	61.8	61.8	62.0	62.2	62.2	62.2	62.2
IV 8000		51.5	53.2	57.9	60.8	62.2	64.2	64.9	64.9	65.8	65.8	66.0	66.1	66.1	66.1	66.1
IV 7000		54.9	56.8	61.5	65.1	67.4	69.6	70.3	70.3	71.2	71.2	71.3	71.5	71.5	71.5	71.5
IV 6000		58.0	60.1	64.8	68.6	70.8	73.9	74.6	74.6	75.5	75.5	75.6	75.8	75.8	75.8	75.8
IV 5000		58.2	60.6	65.3	69.6	71.8	75.0	75.6	75.6	76.5	76.5	76.7	76.9	76.9	76.9	76.9
IV 4500		58.2	60.6	65.3	69.6	71.8	75.0	75.6	75.6	76.5	76.5	76.7	76.9	76.9	76.9	76.9
IV 4000		58.7	61.3	66.1	70.8	73.1	76.2	76.9	76.9	77.7	77.7	77.9	78.1	78.1	78.1	78.1
IV 3500		60.4	63.2	68.5	73.2	75.5	78.8	79.4	79.4	80.3	80.3	80.5	80.7	80.7	80.7	80.7
IV 3000		62.0	65.6	71.0	75.8	78.1	81.5	82.2	82.2	83.1	83.1	83.2	83.4	83.4	83.4	83.4
IV 2500		63.0	66.8	72.4	77.2	79.4	82.9	83.8	83.9	85.0	85.0	85.1	85.3	85.3	85.3	85.3
IV 2000		64.6	69.4	75.0	79.8	82.0	85.5	86.5	86.7	87.7	87.7	87.9	88.1	88.1	88.1	88.1
IV 1800		64.9	69.8	75.3	80.1	82.4	85.8	86.9	87.0	88.1	88.1	88.3	88.4	88.4	88.4	88.4
IV 1500		66.7	71.8	77.4	82.2	84.5	87.9	88.9	89.1	90.2	90.2	90.3	90.5	90.5	90.5	90.5
IV 1200		67.2	72.4	77.9	82.7	85.0	88.4	89.5	89.6	90.7	90.7	90.8	91.0	91.0	91.0	91.0
IV 1000		67.7	72.9	78.9	83.8	86.0	90.3	91.4	91.7	92.7	92.7	92.9	93.1	93.1	93.1	93.1
IV 900		67.9	73.1	79.3	84.1	86.4	91.2	92.2	92.6	93.6	93.6	93.8	94.0	94.0	94.0	94.0
IV 800		67.9	73.1	79.3	84.1	86.4	91.2	92.2	92.6	93.6	93.6	93.8	94.0	94.0	94.0	94.0
IV 700		68.4	74.1	80.3	85.1	87.4	92.2	93.3	93.6	94.6	94.6	94.8	95.0	95.0	95.0	95.0
IV 600		68.6	74.3	80.7	85.8	88.1	92.9	94.0	94.3	95.3	95.3	95.5	95.7	95.9	95.9	95.9
IV 500		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 400		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 300		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 200		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 100		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7
IV 0		68.6	74.3	80.7	86.0	88.3	93.3	94.3	94.6	95.7	96.2	96.5	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

379

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		42.9	44.0	46.0	47.0	47.3	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000		45.7	47.4	49.7	50.9	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000		45.7	47.4	49.7	50.9	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000		45.7	47.4	49.7	50.9	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000		46.2	47.9	50.3	51.4	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000		47.0	48.9	51.4	52.6	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 10000		49.7	51.8	54.7	55.9	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000		51.3	53.3	56.2	57.4	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 8000		53.0	57.1	60.0	61.2	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 7000		59.8	62.4	65.4	66.6	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 6000		61.7	64.2	67.5	68.7	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 5000		62.5	65.1	68.8	70.0	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4500		62.5	65.4	69.2	70.4	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4000		63.7	66.6	70.4	71.7	72.6	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 3500		65.8	69.2	73.1	74.4	75.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3000		69.8	73.4	77.5	79.0	79.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2500		73.4	77.0	81.3	82.8	83.6	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000		77.3	81.4	85.2	87.7	88.6	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800		77.3	81.4	85.2	87.7	88.6	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1500		79.6	84.0	89.1	90.8	91.7	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200		80.1	84.7	89.8	91.5	92.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000		80.2	84.8	90.1	91.8	92.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900		80.6	85.2	90.5	92.3	93.2	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800		81.1	85.7	91.1	93.0	93.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700		81.4	86.0	91.3	93.4	94.2	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600		81.4	86.0	91.3	93.4	94.2	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0		81.6	86.2	92.2	94.0	94.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

587

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66,72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		38.9	38.9	39.0	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000		42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000		42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 16000		42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 14000		42.5	42.9	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 12000		43.6	43.9	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 10000		44.3	44.6	44.8	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 9000		45.1	45.5	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 8000		49.8	50.2	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 7000		52.3	52.7	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 6000		55.6	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 5000		57.3	57.7	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 4500		58.5	58.9	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 4000		62.4	62.9	64.1	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3500		67.1	67.6	67.8	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3000		79.4	80.1	80.7	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500		83.7	86.6	87.1	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2000		87.6	88.7	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800		87.6	88.7	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500		90.6	91.8	92.7	93.2	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200		90.9	92.3	93.6	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000		91.6	92.2	94.6	95.3	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900		91.8	93.4	94.9	95.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800		92.3	92.9	95.5	96.2	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700		92.9	94.4	96.0	96.7	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600		92.9	94.4	96.0	96.7	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0		93.0	94.8	96.3	97.0	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

574

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4646-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	43.5	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 18000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 14000	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 12000	50.4	50.4	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 10000	51.3	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 9000	52.4	52.4	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 8000	57.9	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 7000	62.5	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 6000	64.5	64.5	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 5000	66.3	66.3	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4500	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4000	71.9	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3500	77.4	77.6	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	84.7	85.1	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	88.8	89.2	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	91.5	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	91.5	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	92.9	93.4	93.8	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	93.6	94.1	94.8	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	94.1	94.7	95.7	96.6	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	94.3	95.0	96.4	97.3	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	94.5	95.0	96.4	97.3	97.3	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	94.5	95.0	96.4	97.3	97.3	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.5	95.0	96.4	97.3	97.3	98.2	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

563

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

26172 ANSBACH AAF GERMANY/KATTERBACH 46,56-70,72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		47.4	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000		54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 18000		54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 15000		54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 14000		54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 12000		54.5	54.5	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 10000		57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 9000		58.2	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 8000		64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000		69.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 6000		72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000		75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 4500		78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000		79.9	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500		82.1	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3000		87.7	88.4	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500		90.3	91.0	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000		92.5	92.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800		92.9	93.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1600		94.0	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1400		94.0	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200		94.0	94.8	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 400		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 200		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 0		94.8	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	73.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

80

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .2	≥ .1	≥ .05	≥ 0
NO CEILING		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 100		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 0		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS

93

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000		44.1	45.7	46.5	47.2	47.2	48.0	48.0	48.0	49.6	49.6	49.6	50.4	50.4	50.4	50.4
IV ≥ 18000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 16000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 14000		50.4	52.0	52.8	54.3	55.9	57.5	57.5	57.5	59.1	59.1	59.1	59.8	59.8	59.8	59.8
IV 12000		51.2	52.8	53.5	55.1	56.7	58.3	58.3	58.3	59.8	59.8	59.8	60.6	60.6	60.6	60.6
IV 10000		51.2	52.8	54.3	55.9	57.5	59.1	59.1	59.1	60.6	60.6	60.6	61.4	61.4	61.4	61.4
IV 9000		52.0	53.5	55.1	56.7	58.3	59.8	59.8	59.8	61.4	61.4	61.4	62.2	62.2	62.2	62.2
IV 8000		55.9	57.5	59.1	60.6	62.2	63.8	63.8	63.8	65.4	65.4	65.4	66.1	66.1	66.1	66.1
IV 7000		59.1	60.6	62.2	63.8	65.4	66.9	66.9	66.9	68.5	68.5	68.5	69.3	69.3	69.3	69.3
IV 6000		63.8	66.1	67.7	69.3	70.9	72.4	72.4	74.0	75.6	75.6	75.6	76.4	76.4	76.4	76.4
IV 5000		66.9	69.3	70.9	72.4	74.0	75.6	75.6	77.2	78.7	78.7	78.7	79.5	79.5	79.5	79.5
IV 4500		66.9	69.3	70.9	72.4	74.0	75.6	75.6	77.2	78.7	78.7	78.7	79.5	79.5	79.5	79.5
IV 4000		69.3	71.7	73.2	74.8	76.4	78.0	78.0	79.5	81.1	81.1	81.1	81.9	81.9	81.9	81.9
IV 3500		70.9	73.2	74.8	76.4	78.0	80.3	80.3	81.9	83.5	83.5	83.5	84.3	84.3	84.3	84.3
IV 3000		75.6	78.7	81.1	82.7	84.3	86.6	86.6	88.2	89.8	89.8	89.8	90.6	90.6	90.6	90.6
IV 2500		78.7	82.7	85.0	88.2	89.8	92.1	92.1	93.7	95.3	95.3	95.3	96.1	96.1	96.1	96.1
IV 2000		80.3	84.3	86.6	89.8	91.2	93.7	93.7	95.3	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 1800		80.3	84.3	86.6	89.8	91.2	93.7	93.7	95.3	96.9	96.9	96.9	97.6	97.6	97.6	97.6
IV 1500		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1200		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1000		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 900		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 800		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 700		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 600		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 500		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 400		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 300		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 200		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 100		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 0		81.1	85.0	87.4	90.6	92.1	94.5	94.5	96.1	97.6	97.6	97.6	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

127

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 04172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

DATE AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000		24.5	26.1	28.8	30.4	30.9	31.8	33.5	34.0	35.0	35.1	35.1	35.9	36.2	36.6	37.0
IV 18000		29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9
IV 16000		29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9
IV 14000		29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9
IV 12000		29.1	31.0	34.3	36.7	37.2	38.6	40.3	40.8	42.1	42.2	42.6	43.4	43.8	44.3	44.9
IV 10000		30.1	32.0	35.3	37.7	38.1	39.6	41.6	42.1	43.4	43.5	43.8	44.6	45.1	45.6	46.2
IV 9000		30.9	32.8	36.1	38.4	38.9	40.3	42.4	42.9	44.1	44.3	44.6	45.4	46.0	46.5	47.2
IV 8000		33.7	35.8	39.1	41.5	41.9	43.4	45.6	46.0	47.3	47.5	47.8	48.6	49.2	49.7	50.3
IV 7000		36.6	39.1	42.4	45.1	45.6	47.2	49.8	50.3	51.6	51.7	52.1	53.0	53.6	54.1	54.7
IV 6000		40.2	43.4	47.3	50.0	50.5	52.1	54.7	55.2	56.8	57.1	57.4	58.4	59.0	59.5	60.1
IV 5000		44.3	47.5	52.5	55.2	55.7	57.3	60.3	61.1	62.8	63.1	63.4	64.6	65.2	65.7	66.3
IV 4500		44.9	48.1	53.2	55.9	56.3	57.9	60.9	61.7	63.4	63.9	64.4	65.7	66.3	66.8	67.4
IV 4000		46.8	51.1	56.2	58.9	59.3	61.4	64.4	65.2	67.1	67.7	68.2	69.5	70.1	70.7	71.4
IV 3500		48.1	52.7	58.2	61.1	61.6	63.6	66.8	67.6	69.6	70.4	70.9	72.2	72.8	73.4	74.2
IV 3000		52.4	57.4	63.6	66.5	66.9	69.0	72.5	73.3	75.3	76.1	76.6	77.8	78.5	79.1	79.9
IV 2500		53.5	58.5	64.7	67.9	68.4	70.4	73.9	74.8	76.9	77.7	78.2	79.4	80.1	80.7	81.5
IV 2000		54.1	59.3	65.8	69.0	69.5	71.5	75.0	75.9	78.0	78.8	79.3	80.5	81.2	81.8	82.6
IV 1800		54.1	59.3	65.8	69.0	69.5	71.5	75.0	75.9	78.0	78.8	79.3	80.5	81.2	81.8	82.6
IV 1500		56.0	61.4	67.9	71.0	71.5	73.7	77.5	78.6	80.7	81.6	82.1	83.4	84.0	84.7	85.4
IV 1200		56.5	62.2	68.7	71.8	72.3	74.7	78.5	79.6	81.6	82.6	83.1	84.3	85.0	85.6	86.4
IV 1000		57.0	62.8	69.6	73.1	73.6	76.1	80.5	81.6	83.7	84.7	85.1	86.4	87.0	87.7	88.4
IV 900		57.4	63.3	70.3	74.7	75.2	77.7	82.3	83.4	85.4	86.4	86.9	88.1	88.8	89.4	90.2
IV 800		58.1	63.9	71.4	75.8	76.3	78.8	83.4	84.5	86.6	87.5	88.0	89.2	89.9	90.5	91.3
IV 700		58.2	64.1	71.8	76.4	76.9	79.4	84.0	85.1	87.2	88.1	88.6	89.9	90.5	91.1	91.9
IV 600		58.2	64.1	72.0	76.6	77.1	79.6	84.7	85.8	87.8	88.8	89.2	90.5	91.1	91.8	92.6
IV 500		58.7	64.6	72.6	77.4	77.8	80.5	85.6	86.9	89.2	90.2	90.7	91.9	92.6	93.2	94.0
IV 400		59.0	64.9	72.9	77.7	78.2	81.2	86.4	87.7	90.0	91.2	91.9	93.4	94.0	94.6	95.7
IV 300		59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.8	95.4	96.0	97.6
IV 200		59.0	64.9	73.1	79.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.5	98.1
IV 100		59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.5	98.7
IV 0		59.0	64.9	73.1	78.0	78.5	81.6	87.2	88.4	91.1	92.6	93.4	94.9	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

632

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 45,66-72

DATE AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		28.4	29.4	31.3	32.3	33.1	33.7	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
IV 18000		34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 16000		34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 14000		34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000		34.5	36.1	38.8	39.8	40.6	41.4	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 10000		34.8	36.4	39.2	40.1	40.9	41.7	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 9000		35.8	38.4	41.1	42.1	42.9	43.8	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 8000		38.0	39.6	42.4	43.3	44.1	45.1	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 7000		40.9	42.5	45.4	46.4	47.2	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 6000		45.4	47.7	50.5	51.5	52.6	53.6	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 5000		47.8	50.6	54.3	55.2	56.3	57.5	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 4500		49.4	52.2	56.0	57.0	58.1	59.2	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 4000		49.6	52.3	56.2	57.1	58.3	59.4	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3500		52.0	54.7	58.6	59.6	60.7	62.1	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 3000		53.3	56.0	61.3	62.3	63.4	64.8	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 2500		59.7	62.4	68.2	69.2	70.5	71.9	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 2000		61.6	64.4	70.3	71.4	72.6	74.0	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 1800		63.4	66.2	72.6	73.7	75.0	76.4	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1500		66.6	69.7	76.6	77.7	79.1	80.6	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1200		69.5	72.9	80.3	81.5	83.3	84.8	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000		70.3	73.7	81.4	82.2	85.1	87.3	88.1	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 900		70.8	74.2	82.3	84.4	86.2	88.6	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
IV 800		71.1	74.8	83.0	85.2	87.0	89.9	90.7	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7
IV 700		71.4	75.1	83.6	85.9	87.6	90.5	91.3	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3
IV 600		71.7	75.4	84.3	86.5	89.2	91.2	92.1	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 500		72.1	75.8	85.4	88.1	89.9	93.6	94.9	95.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
IV 400		72.1	75.8	85.6	88.3	90.0	92.9	95.3	96.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4
IV 300		72.2	75.9	85.9	88.8	90.5	94.4	96.0	96.6	98.1	98.6	98.7	98.9	99.0	99.0	99.2
IV 200		72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.4	99.7	99.8
IV 100		72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.4	99.7	100.0
IV 0		72.2	75.9	86.2	89.1	90.9	94.7	96.3	97.0	98.4	98.9	99.0	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

623

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

84172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		27.9	28.6	28.9	28.9	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
IV 18000		33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 16000		33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 14000		33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 12000		33.8	34.5	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 10000		35.0	35.7	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 9000		38.4	39.1	39.8	39.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 8000		42.2	42.9	43.5	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 7000		46.6	47.4	48.1	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 6000		49.5	50.3	51.9	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 5000		50.7	51.7	53.1	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 4500		51.4	52.4	53.7	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4000		53.1	54.3	55.6	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 3500		56.0	57.1	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 3000		65.5	67.0	69.0	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 2500		72.8	74.8	77.2	77.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 2000		77.2	79.6	82.0	82.1	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1800		77.6	79.9	82.3	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1500		79.8	83.0	85.7	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1200		82.5	85.7	88.6	88.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1000		83.3	86.6	90.0	90.3	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 900		83.8	87.1	91.2	91.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 800		84.5	87.8	92.2	92.5	93.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 700		84.9	88.1	92.5	93.2	94.2	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 600		85.5	88.8	93.2	93.9	94.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 500		85.7	88.9	93.4	94.9	95.9	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400		85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300		85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200		85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100		85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 0		85.9	89.1	93.7	95.2	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

580

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 24172 ANSBACH AAF GERMANY/KATTERBACH 46,96-72

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		33.3	34.3	34.5	35.2	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥20000		38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥18000		38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥16000		38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥14000		38.8	40.0	40.2	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥12000		39.1	40.4	40.6	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥10000		40.7	42.3	42.7	43.4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥9000		42.5	44.1	44.5	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥8000		48.9	50.5	51.1	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥7000		53.9	55.7	56.2	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥6000		56.9	59.4	60.3	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥5000		59.1	61.9	62.8	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥4500		59.8	62.6	63.5	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥4000		62.3	65.1	66.2	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥3500		65.5	68.5	69.9	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥3000		72.8	76.2	78.3	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥2500		78.1	82.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥2000		82.0	86.1	88.8	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥1800		82.0	86.1	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥1500		84.9	89.0	92.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥1200		85.6	89.7	92.7	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1000		86.1	90.2	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥900		86.1	90.2	94.5	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥800		86.3	90.4	94.7	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥700		87.0	91.1	95.4	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥600		87.0	91.1	95.4	96.3	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥500		87.0	91.1	95.6	97.5	98.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥400		87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥300		87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥200		87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100		87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0		87.0	91.1	95.7	97.7	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

562

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUS, MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		50.7	51.1	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 18000		56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000		56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000		56.3	56.7	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 12000		56.7	57.0	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 10000		58.8	59.5	60.2	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 9000		61.6	62.3	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000		67.6	68.3	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000		72.2	72.9	73.6	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000		77.1	78.5	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000		77.8	79.9	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500		78.2	80.3	81.3	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000		81.7	83.8	84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3500		83.8	85.9	87.3	88.4	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000		86.5	88.7	90.5	91.5	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500		88.7	91.2	93.0	94.0	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000		89.1	91.9	93.7	94.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800		89.1	91.9	93.7	94.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500		89.8	92.6	94.4	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200		89.8	92.6	94.4	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000		90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900		90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800		90.5	93.3	95.4	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700		90.8	94.0	96.5	97.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600		90.8	94.0	96.5	97.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		90.8	94.4	96.8	98.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

284

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 16172 ANSBACH AAF GERMANY/KATTERBACH 46,72

ALG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEIL (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.15	≥.1	≥0
NO CEILING ≥ 20000		59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000		59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000		59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 14000		59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 12000		59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000		61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 9000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 8000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000		78.6	78.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000		79.6	79.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500		79.6	79.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4000		81.6	81.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3500		83.7	83.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000		87.8	87.8	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500		89.8	89.8	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000		92.9	92.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800		92.9	92.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		94.9	94.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

98

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	60.0	60.0	60.0	60.0	60.0	60.0	64.4
IV 18000		58.9	58.9	58.9	58.9	58.9	58.9	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	65.6
IV 16000		58.9	58.9	58.9	58.9	58.9	58.9	60.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	65.6
IV 14000		61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	67.8
IV 12000		61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	67.8
IV 10000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 9000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 8000		62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	68.9
IV 7000		73.3	76.7	76.7	76.7	76.7	76.7	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	83.3
IV 6000		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 5000		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 4500		80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	92.2
IV 4000		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 3500		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 3000		83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	90.0	90.0	90.0	90.0	90.0	90.0	95.6
IV 2500		84.4	87.8	87.8	87.8	88.9	88.9	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	96.7
IV 2000		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1800		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1500		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1200		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 1000		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 900		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 800		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 700		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 600		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 500		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 400		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 300		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 200		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 100		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0
IV 0		87.8	91.1	91.1	91.1	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS

90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		40.3	40.3	40.3	43.5	43.5	43.5	45.2	46.0	46.0	46.0	46.0	46.0	46.8	46.8	47.6
≥ 18000		42.7	42.7	42.7	46.0	46.0	46.0	47.6	48.4	48.4	48.4	48.4	48.4	49.2	49.2	50.0
IV 16000		42.7	42.7	42.7	46.0	46.0	46.0	47.6	48.4	48.4	48.4	48.4	48.4	49.2	49.2	50.0
IV 14000		44.4	44.4	44.4	47.6	47.6	47.6	49.2	50.0	50.0	50.0	50.0	50.0	50.8	50.8	51.6
IV 12000		45.2	45.2	45.2	48.4	48.4	48.4	50.0	50.8	50.8	50.8	50.8	50.8	51.6	51.6	52.4
IV 10000		47.6	47.6	47.6	50.8	50.8	50.8	52.4	53.2	53.2	53.2	53.2	53.2	54.0	54.0	54.8
IV 9000		47.6	47.6	47.6	50.8	50.8	50.8	52.4	53.2	53.2	53.2	53.2	53.2	54.0	54.0	54.8
IV 8000		50.0	50.0	50.0	53.2	53.2	53.2	54.8	55.6	55.6	55.6	55.6	55.6	56.4	56.4	57.2
IV 7000		55.6	55.6	55.6	58.0	58.0	58.0	60.4	61.2	61.2	61.2	61.2	61.2	62.0	62.0	62.8
IV 6000		61.2	61.2	61.2	63.6	63.6	63.6	66.0	66.8	66.8	66.8	66.8	66.8	67.6	67.6	68.4
IV 5000		61.2	61.2	61.2	63.6	63.6	63.6	66.0	66.8	66.8	66.8	66.8	66.8	67.6	67.6	68.4
IV 4500		62.8	62.8	62.8	65.2	65.2	65.2	67.6	68.4	68.4	68.4	68.4	68.4	69.2	69.2	70.0
IV 4000		65.2	65.2	65.2	67.6	67.6	67.6	70.0	70.8	70.8	70.8	70.8	70.8	71.6	71.6	72.4
IV 3500		66.8	66.8	66.8	69.2	69.2	69.2	71.6	72.4	72.4	72.4	72.4	72.4	73.2	73.2	74.0
IV 3000		68.4	68.4	68.4	70.8	70.8	70.8	73.2	74.0	74.0	74.0	74.0	74.0	74.8	74.8	75.6
IV 2500		71.6	71.6	71.6	74.0	74.0	74.0	76.4	77.2	77.2	77.2	77.2	77.2	78.0	78.0	78.8
IV 2000		73.2	73.2	73.2	75.6	75.6	75.6	78.0	78.8	78.8	78.8	78.8	78.8	79.6	79.6	80.4
IV 1800		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 1500		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 1200		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 1000		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 900		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 800		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 700		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 600		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 500		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 400		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 300		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 200		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 100		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8
IV 0		75.6	75.6	75.6	78.0	78.0	78.0	80.4	81.2	81.2	81.2	81.2	81.2	82.0	82.0	82.8

TOTAL NUMBER OF OBSERVATIONS

124

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		21.1	23.5	29.5	32.2	32.4	34.3	37.6	37.6	41.2	42.0	42.7	43.4	45.1	46.0	47.9
≥ 20000		24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8
≥ 18000		24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8
≥ 16000		24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8
≥ 14000		24.2	26.8	34.0	36.7	36.9	38.8	42.2	42.2	46.0	46.8	47.5	48.2	49.9	50.8	52.8
≥ 12000		24.5	27.1	34.2	37.0	37.2	39.1	42.5	42.5	46.3	47.2	47.9	48.5	50.3	51.1	53.2
≥ 10000		24.7	27.3	34.5	37.2	37.4	39.3	42.7	42.7	46.5	47.3	48.0	48.7	50.4	51.3	53.3
≥ 9000		25.2	27.8	35.2	37.9	38.1	40.1	43.6	43.6	47.7	48.5	49.2	49.9	51.6	52.5	54.5
≥ 8000		27.8	30.4	38.3	41.0	41.3	44.1	48.0	48.2	52.5	53.3	54.0	54.9	56.6	57.5	59.5
≥ 7000		28.8	31.6	40.3	43.7	44.1	46.8	50.8	50.9	55.2	56.1	56.8	57.6	59.3	60.2	62.3
≥ 6000		30.9	34.0	44.4	48.2	48.5	51.3	55.2	55.4	59.9	60.7	61.4	62.3	64.0	64.8	66.9
≥ 5000		32.6	36.2	47.2	51.1	51.5	54.7	58.7	58.8	63.3	64.2	64.8	65.7	67.6	68.4	70.5
≥ 4500		32.6	36.2	47.2	51.1	51.5	54.7	58.7	58.8	63.3	64.2	64.8	65.7	67.6	68.4	70.5
≥ 4000		34.1	38.1	49.7	54.2	54.7	58.3	62.3	62.4	66.9	67.8	68.4	69.3	71.4	72.2	74.3
≥ 3500		35.7	39.6	51.5	56.2	56.8	60.5	64.5	64.7	69.1	70.0	70.7	71.5	73.6	74.4	76.5
≥ 3000		38.3	42.2	54.7	60.5	61.2	65.2	69.3	69.5	73.9	74.8	75.6	76.5	78.9	79.8	81.9
≥ 2500		39.5	43.4	55.9	61.7	62.4	66.4	70.7	70.8	75.8	76.7	77.5	78.4	80.8	81.6	83.9
≥ 2000		41.3	45.3	57.8	63.8	64.5	68.6	73.4	73.8	78.9	79.8	80.6	81.5	83.9	84.7	87.0
≥ 1800		41.5	45.5	58.0	64.0	64.7	68.8	73.6	73.9	79.1	79.9	80.8	81.6	84.0	84.9	87.1
≥ 1500		43.2	47.2	60.0	66.0	66.7	71.0	75.8	76.2	81.3	82.2	83.0	83.9	86.3	87.1	89.4
≥ 1200		43.9	47.9	60.7	66.7	67.4	71.7	76.5	76.8	82.0	82.8	83.7	84.6	87.0	87.8	90.1
≥ 1000		44.8	49.2	62.3	68.4	69.1	73.8	78.6	78.9	84.0	84.9	85.8	86.6	89.0	89.9	92.1
≥ 900		44.8	49.2	62.3	68.4	69.1	73.8	78.6	78.9	84.0	84.9	85.8	86.6	89.0	89.9	92.1
≥ 800		44.9	49.4	62.4	68.6	69.2	73.9	79.1	79.4	84.7	85.6	86.5	87.7	90.1	90.9	93.1
≥ 700		45.1	49.6	62.6	69.0	69.6	74.3	79.4	79.8	85.4	86.3	87.2	88.7	91.1	91.9	94.2
≥ 600		45.6	50.1	63.1	69.5	70.3	75.3	80.4	80.8	86.2	87.1	88.0	89.7	92.1	93.0	95.2
≥ 500		46.0	50.4	63.5	69.8	70.7	75.8	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9
≥ 400		46.1	50.6	63.6	70.0	70.8	75.9	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9
≥ 300		46.1	50.6	63.6	70.0	70.8	75.9	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9
≥ 200		46.1	50.6	63.6	70.0	70.8	75.9	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9
≥ 100		46.1	50.6	63.6	70.0	70.8	75.9	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9
≥ 0		46.1	50.6	63.6	70.0	70.8	75.9	80.6	81.0	87.1	88.0	89.0	90.2	92.6	93.5	95.9

TOTAL NUMBER OF OBSERVATIONS

583

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STAT IN MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING		34.1	30.7	41.0	43.2	43.8	44.8	45.4	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000		38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000		38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000		38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000		38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000		38.7	41.4	47.1	49.3	50.2	51.5	52.4	52.5	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000		39.0	41.7	47.6	50.0	50.8	52.2	52.4	53.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000		40.0	42.9	49.2	51.5	52.4	53.7	54.9	55.1	55.9	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000		42.6	46.1	52.9	55.4	56.4	57.8	59.1	59.3	60.1	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000		46.1	49.8	56.8	59.6	60.6	62.3	63.7	63.9	64.7	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000		49.2	53.4	60.5	63.3	64.4	66.0	67.4	67.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000		50.3	54.6	61.8	64.7	65.7	67.6	68.9	69.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500		50.7	54.9	62.2	65.2	66.4	68.2	69.6	69.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000		52.5	56.9	65.0	68.2	69.6	71.5	73.0	73.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500		53.4	57.8	66.0	69.3	70.6	72.8	74.3	74.5	75.7	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000		53.4	60.1	68.8	72.0	73.3	75.5	77.0	77.2	78.4	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500		56.4	61.3	70.9	74.2	75.8	78.4	80.4	80.7	82.1	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000		60.0	65.0	74.7	77.9	80.1	82.6	84.6	85.0	86.5	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800		60.1	65.2	75.0	78.2	80.4	82.9	85.0	85.3	86.8	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500		62.3	67.6	77.5	80.7	82.9	85.3	87.5	87.8	89.4	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200		62.6	68.2	78.2	81.4	83.8	86.3	88.3	88.7	90.2	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000		64.0	70.3	80.4	83.6	86.0	88.3	90.5	90.9	92.4	92.9	92.9	92.9	92.9	92.9	92.9
≥ 750		64.2	70.4	80.6	83.8	86.2	88.5	90.7	91.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800		64.2	70.4	80.6	83.8	86.2	88.5	90.7	91.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700		64.4	70.6	81.3	84.5	87.2	89.5	91.4	91.7	93.4	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600		64.9	71.1	81.8	85.0	88.0	90.9	93.6	94.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0		65.0	71.6	82.3	85.5	88.5	91.4	94.4	94.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS

392

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 40,66-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		37.5	39.8	41.8	43.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000		44.2	47.4	49.8	51.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000		45.3	48.4	50.9	52.1	53.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000		45.3	48.4	50.9	52.1	53.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000		48.8	51.9	54.4	55.8	56.8	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000		52.8	56.7	59.1	60.4	61.6	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000		55.1	60.2	62.6	64.0	65.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500		57.0	61.1	63.7	65.1	66.3	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4000		57.7	61.8	64.4	66.0	67.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3500		59.8	63.9	66.8	68.4	69.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000		62.9	66.5	70.0	71.6	73.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500		66.7	71.2	75.1	76.7	78.1	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000		70.7	75.4	79.8	81.6	83.3	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800		77.0	82.3	86.8	88.6	90.5	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500		77.2	82.6	87.0	88.9	90.7	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		80.0	85.6	90.0	92.1	93.9	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		81.1	87.0	91.6	93.7	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		81.1	87.2	91.8	94.0	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		81.1	87.2	91.8	94.0	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		81.2	87.4	91.9	94.2	96.0	97.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0		81.2	87.4	91.9	94.2	96.1	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

370

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,6672 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-1700

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≤ 10	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		42.4	43.0	44.9	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000		46.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 18000		48.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 16000		48.0	49.1	51.1	52.2	52.2	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 14000		48.2	49.3	51.3	52.3	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 12000		48.7	49.8	51.8	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 10000		51.1	52.2	54.2	55.2	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000		51.2	52.3	54.3	56.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 8000		56.5	56.5	60.5	61.9	61.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 7000		62.1	64.4	66.4	67.9	67.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 6000		65.2	67.5	69.5	71.3	71.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5600		67.9	70.2	72.2	74.0	74.0	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 5000		68.8	71.1	73.1	74.9	74.9	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 4500		70.8	73.6	75.6	77.4	77.4	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500		74.4	77.4	79.4	81.2	81.2	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000		78.3	81.4	83.8	86.1	86.1	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500		81.8	85.2	87.7	90.3	90.3	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000		84.3	87.9	90.8	93.3	93.3	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800		84.3	87.9	90.8	93.3	93.3	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1500		85.2	89.0	91.9	94.4	94.4	95.7	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200		85.4	89.4	92.2	94.8	94.8	96.0	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000		86.3	90.3	93.3	96.2	96.2	97.7	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900		86.5	90.4	93.3	96.4	96.4	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800		86.5	90.4	93.3	96.4	96.4	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700		86.5	90.4	93.3	96.5	96.5	98.2	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600		86.5	90.4	93.3	96.5	96.5	98.2	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500		86.5	90.6	93.7	96.8	96.8	98.4	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400		85.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		86.5	90.6	93.9	96.9	96.9	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

554

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

STATION 24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 2000	52.1	54.6	54.8	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 8000	56.4	59.1	59.1	59.5	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 4000	56.4	59.1	59.1	59.5	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 12000	56.8	59.5	59.5	59.8	59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	57.5	60.2	60.2	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	58.3	61.0	61.0	61.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 7000	62.5	65.3	65.3	66.0	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 6000	68.3	71.4	71.4	72.2	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 5000	72.2	75.3	75.3	76.1	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	76.1	79.3	79.3	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	76.4	79.3	79.3	81.1	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3500	77.6	81.1	81.1	82.2	82.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	80.3	84.6	84.6	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	83.4	88.4	88.4	89.6	89.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	86.5	91.5	91.5	93.1	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	88.0	92.1	92.1	93.4	93.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1500	88.8	93.1	93.1	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	88.8	93.1	93.1	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1000	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	90.3	95.4	95.4	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

259

DATA PROCESSING BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4472

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 20000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 18000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 16000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 14000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 12000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 10000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 9000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 8000		71.6	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.7
≥ 7000		75.8	76.8	76.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.9
≥ 6000		78.9	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.1
≥ 5000		83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
≥ 4500		83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
≥ 4000		83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
≥ 3500		83.2	84.2	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.3
≥ 3000		85.3	86.3	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.4
≥ 2500		85.3	86.3	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.4
≥ 2000		89.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.6
≥ 1800		89.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.6
≥ 1500		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 1200		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 1000		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 900		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 800		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 700		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 600		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 500		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 400		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 300		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 200		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 100		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7
≥ 0		91.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.7

TOTAL NUMBER OF OBSERVATIONS

95

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 - ANSBACH AAF GERMANY/KATTERBACH 46

QCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
≥ 20000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 18000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 16000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 14000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 12000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 10000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 9000		49.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.9	54.9	57.1
IV 8000		50.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	56.0	56.0	58.2
IV 7000		50.5	56.0	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	61.5
IV 6000		50.5	56.0	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	61.5
IV 5000		50.5	56.0	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	61.5
IV 4500		50.5	56.0	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	61.5
IV 4000		50.5	56.0	57.1	57.1	57.1	57.1	58.2	58.2	58.2	58.2	58.2	58.2	59.3	59.3	61.5
IV 3500		52.7	58.2	59.3	59.3	59.3	59.3	60.4	60.4	60.4	60.4	60.4	60.4	61.5	61.5	63.7
IV 3000		53.8	59.3	63.7	63.7	63.7	63.7	64.8	64.8	64.8	64.8	64.8	64.8	65.9	65.9	68.1
IV 2500		57.1	62.6	67.0	69.2	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	71.4	71.4	73.6
IV 2000		63.7	70.3	74.7	76.9	76.9	76.9	78.0	78.0	78.0	78.0	78.0	78.0	79.1	79.1	81.3
IV 1800		63.7	70.3	74.7	76.9	76.9	76.9	78.0	78.0	78.0	78.0	78.0	78.0	79.1	79.1	81.3
IV 1500		69.2	78.0	82.4	85.7	85.7	85.7	86.8	86.8	86.8	86.8	86.8	86.8	87.9	87.9	90.1
IV 1200		70.3	81.3	85.7	89.0	89.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	91.2	91.2	93.4
IV 1000		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 900		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 800		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 700		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 600		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 500		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 400		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 300		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 200		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 100		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	93.4	93.4	95.6
IV 0		70.3	82.4	86.8	91.2	91.2	91.2	92.3	92.3	92.3	92.3	92.3	92.3	94.5	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS

91

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 44172 ANSBACH AAF GERMANY/KATTERBACH 46,71

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING		43.8	43.8	44.6	47.1	47.1	48.8	48.8	48.8	49.6	49.6	49.6	49.6	49.6	49.6	50.4
≥ 20000		43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	51.2
IV 18000		43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	51.2
IV 16000		43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	51.2
IV 14000		43.8	43.8	44.6	47.9	47.9	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	51.2
IV 12000		44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	52.1
IV 10000		44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	52.1
IV 9000		44.6	44.6	45.5	48.8	48.8	50.4	50.4	50.4	51.2	51.2	51.2	51.2	51.2	51.2	52.1
IV 8000		44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	54.5
IV 7000		44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	54.5
IV 6000		44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	54.5
IV 5000		44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	54.5
IV 4500		44.6	44.6	45.5	49.6	49.6	51.2	52.1	52.1	53.7	53.7	53.7	53.7	53.7	53.7	54.5
IV 4000		47.1	47.1	47.9	52.1	52.1	53.7	54.5	54.5	57.9	57.9	57.9	57.9	57.9	57.9	59.5
IV 3500		48.8	48.8	49.6	53.7	53.7	55.4	56.2	56.2	59.5	59.5	59.5	59.5	59.5	59.5	61.2
IV 3000		54.5	54.5	55.4	60.3	60.3	62.0	62.8	62.8	66.1	66.1	66.1	66.1	66.1	66.1	67.8
IV 2500		59.5	59.5	60.3	65.2	65.2	66.9	67.8	67.8	71.1	71.1	71.1	71.1	71.1	71.1	73.6
IV 2000		65.2	65.2	66.9	71.9	71.9	74.4	76.0	76.0	80.2	80.2	80.2	80.2	80.2	80.2	84.3
IV 1800		65.2	65.2	66.9	71.9	71.9	74.4	76.0	76.0	80.2	80.2	80.2	80.2	80.2	80.2	84.3
IV 1500		69.4	69.4	73.6	80.2	80.2	82.6	84.3	84.3	89.3	89.3	89.3	89.3	89.3	89.3	93.4
IV 1200		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 1000		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 900		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 800		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 700		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 600		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 500		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 400		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 300		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 200		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 100		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4
IV 0		70.2	70.2	73.6	81.8	81.8	84.3	86.0	86.0	90.9	90.9	90.9	90.9	90.9	90.9	93.4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

CCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005
NO CEILING		17.6	18.9	21.4	23.2	23.6	26.2	27.8	27.8	30.1	30.1	30.6	31.2	31.8	32.1	34.6
≥ 20000		19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5
≥ 18000		19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5
≥ 16000		19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5
≥ 14000		19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5
≥ 12000		19.3	21.1	24.5	26.5	26.8	29.5	31.4	31.4	33.9	33.9	34.5	35.1	35.7	36.0	39.5
≥ 10000		20.9	22.6	26.1	28.1	28.4	31.0	32.9	32.9	35.4	35.4	36.0	36.7	37.3	37.6	41.0
≥ 9000		21.4	23.2	26.7	28.7	29.0	31.7	33.5	33.5	36.0	36.0	36.7	37.3	37.9	38.2	41.7
≥ 8000		22.0	24.2	27.8	30.0	30.6	33.2	35.6	35.7	38.4	38.4	39.0	39.6	40.2	40.6	44.0
≥ 7000		22.9	25.4	29.0	31.7	32.3	34.9	37.4	37.6	40.6	40.6	41.2	41.8	42.4	42.7	46.2
≥ 6000		23.9	26.4	30.4	33.2	33.9	36.5	39.2	39.3	42.3	42.3	42.9	43.5	44.1	44.5	47.9
≥ 5000		24.5	27.1	31.5	34.6	35.4	38.1	40.7	40.9	43.8	43.8	44.5	45.1	45.7	46.0	49.5
≥ 4500		25.0	27.8	32.3	35.4	36.2	38.8	41.5	41.7	44.6	44.6	45.2	45.9	46.5	46.8	50.2
≥ 4000		27.0	30.0	34.9	38.4	39.3	42.1	45.1	45.2	48.2	48.2	48.8	49.6	50.2	50.5	54.0
≥ 3500		28.1	31.4	36.3	39.9	40.9	43.7	46.6	46.8	49.8	49.8	50.4	51.2	51.8	52.1	55.5
≥ 3000		30.4	34.2	40.6	44.8	45.7	48.5	51.5	51.6	54.8	54.8	55.4	56.2	56.9	57.3	60.7
≥ 2500		31.2	35.1	41.8	46.2	47.1	49.9	53.0	53.2	56.5	56.5	57.1	58.0	58.7	59.3	62.7
≥ 2000		32.3	36.2	42.9	47.3	48.2	51.0	54.1	54.3	57.6	57.6	58.2	59.3	59.9	60.7	64.2
≥ 1800		32.6	36.5	43.2	47.6	48.5	51.3	54.4	54.6	57.9	57.9	58.5	59.6	60.2	61.0	64.6
≥ 1500		34.0	38.4	45.2	49.8	50.7	53.7	56.8	56.9	60.4	60.4	61.0	62.1	62.7	63.5	67.1
≥ 1200		34.5	38.8	45.9	50.5	51.5	54.8	57.9	58.0	61.6	61.6	62.2	63.7	64.3	65.1	68.6
≥ 1000		35.7	40.6	48.2	53.2	54.1	57.4	60.7	60.8	64.9	64.9	65.1	65.8	67.2	67.9	72.2
≥ 900		35.9	40.7	48.4	53.7	54.6	57.9	61.2	61.3	65.4	65.5	66.3	67.7	68.3	69.1	72.7
≥ 800		36.0	41.5	49.6	55.2	56.2	59.8	63.0	63.2	67.2	67.6	68.3	69.7	70.4	71.1	74.9
≥ 700		36.7	42.1	50.2	56.0	56.9	61.0	64.4	64.6	69.3	69.7	70.5	71.9	72.5	73.3	77.2
≥ 600		37.3	42.9	51.5	57.3	58.2	62.4	65.8	66.0	70.7	71.3	72.2	73.8	74.4	75.2	79.1
≥ 500		37.9	43.8	52.9	58.7	59.6	63.8	68.3	68.5	73.6	74.4	75.3	77.1	77.7	78.5	82.4
≥ 400		37.9	43.8	52.9	58.7	60.1	64.3	69.3	69.4	74.6	75.8	76.9	78.8	79.7	80.5	84.9
≥ 300		37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	76.6	77.8	80.2	81.4	82.2	88.0
≥ 200		37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	76.6	77.8	80.7	82.4	83.0	91.7
≥ 100		37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	76.6	77.8	80.7	82.4	83.6	95.2
≥ 0		37.9	43.8	52.9	59.0	60.4	64.7	69.9	70.0	75.4	76.6	77.8	80.7	82.5	84.1	100.0

TOTAL NUMBER OF OBSERVATIONS

641

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: ANSBACH AAF GERMANY/KATTERBACH 46,65-72

DCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000		21.9	23.6	26.2	28.7	30.3	31.5	32.4	32.5	33.5	33.5	33.7	34.0	34.1	34.1	34.3
≥ 18000		24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6
≥ 16000		24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6
IV 14000		24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6
IV 12000		24.5	26.5	29.7	32.5	34.1	35.3	36.2	36.3	37.3	37.3	37.5	37.8	37.9	37.9	38.6
IV 10000		26.1	28.1	31.6	34.4	36.0	37.2	38.0	38.2	39.2	39.2	39.4	39.7	39.8	39.8	40.5
IV 9000		26.8	28.9	32.7	35.6	37.2	38.5	39.5	39.7	40.7	40.7	40.8	41.1	41.3	41.3	42.0
IV 8000		29.6	31.6	35.6	38.5	40.2	41.5	42.6	42.7	43.7	43.7	43.9	44.2	44.3	44.3	45.0
IV 7000		29.6	31.6	35.6	38.5	40.2	41.5	42.6	42.7	43.7	43.7	43.9	44.2	44.3	44.3	45.0
IV 6000		31.5	34.0	38.2	41.1	42.9	44.2	45.8	45.9	46.9	47.1	47.4	47.7	47.8	47.8	48.5
IV 5000		33.1	35.9	40.1	43.1	44.9	46.2	47.8	48.0	49.0	49.1	49.4	49.7	49.9	49.9	50.6
IV 4500		33.1	35.9	40.1	43.1	44.9	46.2	47.8	48.0	49.0	49.1	49.4	49.7	49.9	49.9	50.6
IV 4000		34.7	37.5	42.0	45.3	47.1	48.8	50.6	50.7	51.7	51.9	52.2	52.5	52.6	52.6	53.4
IV 3500		36.0	38.8	43.3	46.6	48.4	50.1	51.9	52.0	53.1	53.2	53.5	53.8	53.9	53.9	54.7
IV 3000		38.5	41.3	46.1	49.6	51.3	53.1	55.0	55.1	56.1	56.3	56.6	56.9	57.0	57.0	57.9
IV 2500		40.2	43.1	48.0	51.6	53.4	55.2	57.3	57.4	58.5	58.6	58.9	59.2	59.3	59.3	60.2
IV 2000		41.8	44.9	50.3	54.2	56.0	58.5	60.6	60.8	61.8	62.0	62.2	62.5	62.7	62.7	63.7
IV 1800		42.1	45.2	50.5	54.5	56.3	58.7	60.9	61.1	62.1	62.2	62.5	62.8	63.0	63.0	64.0
IV 1500		43.7	47.1	52.9	56.9	58.6	61.2	63.4	63.6	64.6	64.7	65.0	65.3	65.6	65.6	66.6
IV 1200		44.6	48.3	54.4	58.6	60.3	63.1	65.3	65.5	66.5	66.6	66.9	67.2	67.5	67.6	68.7
IV 1000		46.1	49.9	56.1	60.8	62.5	65.2	67.8	67.9	69.1	69.2	69.5	69.8	70.1	70.3	71.3
IV 900		46.4	50.1	56.6	61.2	63.0	65.9	68.5	68.7	70.0	70.1	70.4	70.7	71.0	71.1	72.2
IV 800		46.6	51.3	57.9	62.7	64.4	67.6	70.4	70.6	71.9	72.2	72.4	72.7	73.2	73.3	74.3
IV 700		46.9	52.2	59.2	64.6	66.3	70.1	73.5	73.8	75.4	75.7	75.9	76.2	76.7	76.8	78.0
IV 600		47.7	53.4	60.9	66.3	68.2	72.6	76.7	77.1	79.0	79.3	79.7	80.0	80.5	80.8	81.9
IV 500		47.7	53.6	61.4	66.9	69.0	73.5	77.8	78.3	80.9	81.6	82.1	82.4	82.8	83.1	84.3
IV 400		47.8	53.8	61.7	67.3	69.4	74.5	79.4	79.9	82.9	84.0	85.1	86.0	87.3	87.6	89.1
IV 300		48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.5	84.8	86.2	87.3	89.2	89.7	92.1
IV 200		48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	91.1	97.4
IV 100		48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	92.0	98.7
IV 0		48.0	53.9	61.8	67.5	69.5	74.6	79.7	80.2	83.7	85.0	86.3	87.9	90.1	92.1	100.0

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		35.5	36.2	40.2	41.8	47.1	42.5	43.3	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7
≥20000		38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥18000		38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥16000		38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥14000		38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥12000		38.6	39.3	43.8	45.6	45.9	46.6	47.4	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥10000		39.0	39.7	44.3	46.2	46.5	47.4	48.1	48.1	48.4	48.5	48.5	48.5	48.5	48.5	48.5
≥9000		39.7	40.6	45.2	47.1	47.4	48.4	49.1	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6
≥8000		41.2	42.1	46.6	48.5	48.8	50.0	50.9	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥7000		42.7	43.7	48.2	50.1	50.4	51.6	52.5	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥6000		44.9	46.3	50.9	52.8	53.1	54.4	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥5000		45.7	47.2	51.8	53.7	54.0	55.2	56.2	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6
≥4500		45.9	47.4	51.9	53.8	54.1	55.4	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥4000		47.7	49.1	54.1	56.0	56.3	57.6	58.5	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥3500		49.3	50.9	55.9	57.8	58.1	59.7	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥3000		50.7	52.5	57.5	59.4	59.7	61.6	62.5	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥2500		54.1	56.3	61.3	63.5	63.8	65.7	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥2000		57.0	59.3	65.1	67.4	67.9	69.9	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥1800		57.3	59.8	65.7	68.0	68.5	70.5	71.6	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥1500		60.0	62.3	68.9	71.6	72.0	74.8	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥1200		61.1	63.9	70.5	73.3	73.9	76.8	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥1000		62.9	65.8	73.2	76.4	77.1	80.2	81.4	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0
≥900		63.2	66.1	73.5	77.1	78.2	81.4	83.1	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥800		63.5	66.9	74.6	78.3	79.5	83.3	85.5	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥700		64.5	68.3	77.0	80.6	81.8	85.9	88.6	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥600		65.4	69.5	78.2	82.1	83.4	87.8	90.6	90.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8
≥500		66.4	70.5	79.2	83.1	84.5	89.0	92.1	92.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2
≥400		66.9	71.0	79.8	84.2	86.1	90.8	94.3	94.6	96.9	97.5	97.5	97.5	97.5	97.5	97.5
≥300		66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8
≥200		66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8
≥100		66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8
≥0		66.9	71.0	80.1	84.6	86.4	91.1	94.6	94.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

172 ANSBACH AAF GERMANY/KATTERRACH 46.65-72

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000		39.0	41.1	41.8	42.6	42.9	43.2	44.3	44.3	44.6	44.9	45.1	45.1	45.1	45.1	45.1
IV 18000		42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1
IV 16000		42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1
IV 14000		42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1
IV 12000		42.1	44.5	46.3	47.1	47.4	47.7	49.1	49.1	49.6	49.9	50.1	50.1	50.1	50.1	50.1
IV 10000		42.1	44.5	47.0	47.7	48.1	48.8	50.2	50.2	50.7	51.0	51.2	51.2	51.2	51.2	51.2
IV 9000		43.1	45.6	47.9	48.7	49.0	49.8	51.2	51.2	51.6	51.9	52.1	52.1	52.1	52.1	52.1
IV 8000		46.7	49.5	52.6	53.3	53.7	54.4	55.9	55.8	56.3	56.6	56.8	56.8	56.8	56.8	56.8
IV 7000		48.7	51.8	54.9	56.0	56.2	57.1	58.5	58.5	58.9	59.3	59.4	59.4	59.4	59.4	59.4
IV 6000		49.9	53.2	56.5	57.5	57.9	58.8	60.3	60.3	60.8	61.1	61.3	61.3	61.3	61.3	61.3
IV 5000		51.2	54.4	57.9	58.9	59.3	60.2	61.7	61.7	62.2	62.5	62.7	62.7	62.7	62.7	62.7
IV 4500		51.2	54.4	57.9	58.9	59.3	60.2	61.7	61.7	62.2	62.5	62.7	62.7	62.7	62.7	62.7
IV 4000		53.0	56.5	59.9	61.0	61.3	62.2	63.8	63.8	64.2	64.5	64.7	64.7	64.7	64.7	64.7
IV 3500		55.8	59.4	62.8	63.9	64.2	65.3	66.9	66.9	67.3	67.7	67.8	67.8	67.8	67.8	67.8
IV 3000		58.5	62.1	65.5	66.9	67.2	68.4	70.1	70.1	70.6	71.1	71.2	71.2	71.2	71.2	71.2
IV 2500		62.1	66.1	69.7	71.2	71.5	72.8	74.5	74.5	75.0	75.4	75.6	75.6	75.6	75.6	75.6
IV 2000		64.9	69.2	73.6	75.1	75.4	76.7	78.4	78.4	78.8	79.3	79.5	79.5	79.5	79.5	79.5
IV 1800		65.2	69.5	74.0	75.6	75.9	77.1	78.8	78.8	79.3	79.8	79.9	79.9	79.9	79.9	79.9
IV 1500		66.9	72.2	78.1	79.8	80.1	81.8	83.5	83.5	84.0	84.4	84.6	84.6	84.6	84.6	84.6
IV 1200		68.3	74.5	81.0	82.9	83.2	84.9	86.6	86.6	87.1	87.6	87.7	87.7	87.7	87.7	87.7
IV 1000		69.5	76.5	83.2	85.2	85.7	87.4	89.1	89.1	89.6	90.0	90.2	90.2	90.2	90.2	90.2
IV 900		69.8	76.8	83.7	86.2	86.6	88.5	90.2	90.2	90.7	91.1	91.3	91.3	91.3	91.3	91.3
IV 800		70.3	77.8	84.6	87.1	87.6	89.6	91.3	91.3	91.8	92.2	92.4	92.4	92.4	92.4	92.4
IV 700		71.1	78.5	85.5	88.2	88.6	91.6	93.3	93.3	93.8	94.4	94.7	94.7	94.7	94.7	94.7
IV 600		71.4	78.8	85.8	88.5	89.0	91.9	93.9	93.9	94.4	95.2	95.5	95.5	95.5	95.5	95.5
IV 500		72.0	79.3	86.6	89.3	89.7	93.0	95.0	95.2	96.1	96.9	97.2	97.2	97.2	97.2	97.2
IV 400		72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.8	98.8	98.8	98.8	98.8
IV 300		72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.8	98.8	98.8	98.8	98.8
IV 200		72.0	79.8	86.9	90.4	91.0	94.4	96.4	96.6	97.7	98.4	98.8	98.8	98.8	98.8	98.8
IV 100		72.2	79.9	87.1	90.5	91.1	94.6	96.6	96.7	97.8	98.6	99.1	99.4	99.4	99.4	99.7
IV 0		72.2	79.9	87.1	90.5	91.1	94.6	96.6	96.7	97.8	98.6	99.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

643

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

ECI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING		40.9	42.9	45.5	47.9	47.9	48.8	49.9	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 16000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 12000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 10000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 9000		42.6	44.9	48.5	51.2	51.2	52.1	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 8000		44.2	46.5	50.5	53.1	53.1	54.1	55.1	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 7000		46.5	49.2	53.1	56.1	56.1	57.1	58.1	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 6000		48.2	50.8	54.8	57.8	57.8	58.7	60.1	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 5000		48.8	52.1	56.1	59.1	59.1	60.1	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 4500		48.8	52.5	56.4	59.4	59.4	60.7	62.0	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 4000		49.8	53.5	58.1	61.1	61.1	62.7	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3500		51.8	55.8	61.1	64.0	64.0	65.7	67.0	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 3000		53.1	57.1	63.0	66.0	66.0	68.0	69.3	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 2500		57.1	62.0	68.0	71.3	71.3	73.3	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 2000		59.4	64.7	71.3	74.6	74.6	76.6	77.9	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1800		59.7	65.3	71.9	75.2	75.2	77.2	78.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1500		62.4	69.3	76.6	81.2	81.2	82.8	85.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200		63.0	70.6	77.9	82.8	82.8	85.5	87.1	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1000		64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900		64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 800		64.7	72.6	80.5	85.5	85.5	88.1	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 700		65.3	73.9	82.2	87.5	87.5	90.1	91.7	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 600		65.3	73.9	82.2	87.5	87.5	90.1	91.7	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 500		66.3	74.9	83.5	88.8	89.1	91.7	93.4	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 400		66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 300		66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 200		66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 100		66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 0		66.3	75.2	84.2	89.4	90.1	93.1	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

303

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

STATION 34172 ANSBACH AAF GERMANY/KATTERBACH 46.72

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY* STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING ≥ 20000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000		54.6	57.7	57.7	59.8	59.8	59.8	60.8	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000		55.7	58.8	58.8	60.8	60.8	60.8	61.9	61.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4000		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500		57.7	60.8	60.8	62.9	62.9	62.9	63.9	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3000		59.8	62.9	66.0	68.0	68.0	68.0	69.1	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2500		62.9	69.1	72.2	74.2	74.2	74.2	75.3	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2000		64.9	71.1	73.3	77.3	77.3	77.3	78.4	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800		64.9	71.1	73.3	77.3	77.3	77.3	78.4	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500		72.2	78.4	82.5	86.6	86.6	86.6	87.6	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200		73.2	82.5	86.6	90.7	90.7	90.7	91.8	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000		74.2	83.5	90.7	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900		74.2	83.5	90.7	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800		74.2	83.5	90.7	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700		74.2	83.5	90.7	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600		74.2	83.5	90.7	94.8	94.8	94.8	95.9	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		75.3	86.6	93.8	97.9	97.9	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

97

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 18000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 16000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 14000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 12000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 10000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 9000		31.1	35.6	35.6	36.7	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	41.1	41.1	41.1
IV 8000		34.4	38.9	38.9	40.0	40.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	44.4	44.4	44.4
IV 7000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9
IV 6000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9
IV 5000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9
IV 4500		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9
IV 4000		38.9	43.3	43.3	44.4	44.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.9	48.9	48.9
V 3500		41.1	45.6	45.6	46.7	46.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.1	51.1	51.1
V 3000		44.4	48.9	48.9	50.0	50.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.4	54.4	54.4
IV 2500		48.9	53.3	53.3	54.4	54.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.9	58.9	58.9
IV 2000		53.3	57.8	57.8	58.9	58.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3
IV 1800		53.3	57.8	57.8	58.9	58.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3
IV 1500		54.4	62.2	62.2	66.7	66.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.1	71.1	71.1
IV 1200		54.4	62.2	62.2	66.7	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3	73.3	73.3
IV 1000		55.6	64.4	65.6	70.0	70.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.7	76.7	76.7
IV 900		55.6	65.6	66.7	71.1	71.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.8	77.8	77.8
IV 800		55.6	65.6	66.7	71.1	71.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.8	77.8	77.8
IV 700		56.7	66.7	67.8	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.9	78.9	78.9
IV 600		56.7	66.7	67.8	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.9	78.9	78.9
IV 500		56.7	66.7	67.8	72.2	72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.9	78.9	78.9
IV 400		56.7	67.8	68.9	73.3	73.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 300		56.7	67.8	68.9	73.3	73.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 200		56.7	67.8	68.9	73.3	73.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 100		56.7	67.8	68.9	73.3	73.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 0		56.7	67.8	68.9	73.3	73.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0

TOTAL NUMBER OF OBSERVATIONS

90

DATA PROCESSING "RANCH"
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 44,71

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
≥ 18000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 16000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 14000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 12000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 10000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 9000	23.2	25.3	29.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.4	35.4	35.4	38.4
IV 8000	26.3	28.3	32.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.4	38.4	38.4	41.4
IV 7000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4	47.5
IV 6000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4	47.5
IV 5000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4	47.5
IV 4500	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4	47.5
IV 4000	31.3	34.3	38.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4	44.4	44.4	47.5
IV 3500	32.3	35.4	39.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	45.5	45.5	45.5	48.5
IV 3000	38.4	41.4	45.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	51.5	51.5	51.5	54.5
IV 2500	43.4	47.5	51.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.6	58.6	58.6	61.6
IV 2000	48.5	55.6	59.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.7	66.7	66.7	69.7
IV 1800	48.5	55.6	59.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.7	66.7	66.7	69.7
IV 1500	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 1200	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 1000	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 900	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 800	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 700	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 600	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 500	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 400	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 300	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 200	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 100	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7
IV 0	51.5	58.6	62.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.7	69.7	69.7	72.7

TOTAL NUMBER OF OBSERVATIONS

99

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,53-72

ACW

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5400-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING ≥ 20000	15.0	15.4	17.2	18.1	18.1	20.2	21.1	21.1	21.5	22.2	22.2	22.6	22.6	23.1	23.1	24.4
≥ 18000	15.4	15.7	17.6	18.5	18.5	20.7	21.7	21.7	22.4	22.8	22.8	23.1	23.1	23.3	23.7	25.2
≥ 16000	15.4	15.7	17.6	18.5	18.5	20.7	21.7	21.7	22.4	22.8	22.8	23.1	23.1	23.3	23.7	25.2
IV 14000	15.6	15.9	17.8	18.7	18.7	20.9	21.9	21.9	22.6	23.0	23.0	23.3	23.3	23.5	23.9	25.4
IV 12000	15.6	15.9	17.8	18.7	18.7	20.9	21.9	21.9	22.6	23.0	23.0	23.3	23.3	23.5	23.9	25.4
IV 10000	15.7	16.1	18.0	18.9	18.9	21.1	22.0	22.0	22.8	23.1	23.1	23.3	23.3	23.5	23.7	25.4
IV 8000	16.2	16.7	18.7	19.6	19.6	21.9	22.8	22.8	23.5	23.9	23.9	24.2	24.2	24.4	24.8	26.3
IV 7000	18.5	19.7	21.3	22.6	22.6	23.2	26.1	26.1	27.0	27.4	27.4	28.0	28.0	28.1	28.5	30.0
≥ 6000	20.9	21.3	24.1	25.4	25.4	28.0	28.9	28.9	29.8	30.2	30.2	30.7	30.7	30.9	31.3	32.8
IV 5000	24.3	25.0	28.9	30.7	30.7	33.3	34.3	34.3	35.6	36.1	36.1	36.9	36.9	37.0	37.4	38.9
IV 4500	25.8	26.7	30.7	32.6	32.6	35.2	36.1	36.1	37.6	38.1	38.1	38.9	38.9	39.1	39.4	40.9
IV 4000	26.5	27.4	31.5	33.5	33.5	36.1	37.0	37.0	38.7	39.3	39.3	40.0	40.0	40.2	40.6	42.0
IV 3500	27.0	28.0	32.8	35.2	35.2	38.3	39.3	39.3	40.7	41.5	41.5	42.4	42.4	42.6	43.0	44.4
IV 3000	27.2	28.7	33.7	36.1	36.1	39.3	40.2	40.2	41.9	42.4	42.4	43.3	43.3	43.5	43.9	45.4
IV 2500	28.5	30.0	35.0	37.6	37.6	40.7	41.7	41.7	43.3	43.9	43.9	44.8	44.8	45.0	45.4	46.9
IV 2000	29.3	31.1	36.9	40.2	40.2	43.7	44.6	44.6	46.2	46.9	46.9	47.8	47.8	48.0	48.5	50.0
IV 1800	32.4	34.6	40.8	44.6	44.6	49.1	50.0	50.0	51.9	52.4	52.4	53.8	53.8	53.9	54.1	55.6
IV 1500	33.0	35.2	41.1	45.2	45.2	49.6	50.6	50.6	52.4	53.0	53.0	54.1	54.1	54.3	54.6	56.1
IV 1200	34.1	36.9	43.9	49.1	49.1	53.9	54.8	54.8	56.7	57.2	57.2	58.3	58.3	58.5	58.9	60.4
IV 1000	34.3	37.4	44.4	50.2	50.2	55.3	57.4	57.4	59.3	59.8	59.8	60.2	60.2	60.9	61.1	63.0
IV 900	35.9	39.3	48.0	55.0	55.0	62.0	63.9	63.9	65.7	66.3	66.3	67.6	67.6	67.8	68.1	69.6
IV 800	35.1	39.4	48.1	55.6	55.6	63.1	65.0	65.0	66.9	67.4	67.4	68.0	68.0	68.7	68.9	70.7
IV 700	36.3	40.0	49.3	57.8	57.8	64.8	67.0	67.0	69.1	69.6	69.6	70.2	70.2	70.9	71.1	73.0
IV 600	36.9	40.4	49.6	57.6	58.0	63.4	68.0	68.1	70.4	70.9	70.9	71.5	71.5	72.2	72.4	74.3
IV 500	37.0	40.7	50.7	59.6	60.2	67.6	71.5	71.7	74.8	75.4	75.4	75.9	75.9	76.7	77.2	79.1
IV 400	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	80.7	81.7	82.6	84.4
IV 300	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	80.7	81.7	82.6	84.4
IV 200	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	80.7	81.7	82.6	84.4
IV 100	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	80.7	81.7	82.6	84.4
IV 0	37.2	41.1	51.1	60.2	60.7	68.7	73.9	74.4	78.7	79.6	79.6	80.7	80.7	81.7	82.6	84.4

TOTAL NUMBER OF OBSERVATIONS

540

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

84172 ANSBACH AAF GERMANY/KATTERBACH 46.55-72

0.2V

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .075	≥ .05	≥ .025	≥ .01
NO CEILING ≥ 20000	11.9	12.1	15.1	16.8	17.1	17.6	18.5	18.5	18.8	19.2	19.5	19.7	19.8	20.0		
≥ 18000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
IV 6000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
≥ 14000	14.9	16.1	18.6	20.5	20.8	21.4	22.2	22.2	22.7	22.7	23.1	23.4	23.6	23.7	23.9	
IV 12000	15.3	16.4	19.0	20.8	21.2	21.7	22.5	22.5	23.1	23.1	23.4	23.7	23.9	24.1	24.2	
≥ 10000	15.5	16.8	19.3	21.2	21.5	22.4	23.2	23.2	23.7	23.7	24.1	24.4	24.6	24.7	24.9	
IV 9000	15.8	16.9	19.5	21.4	21.7	22.5	23.4	23.4	23.9	23.9	24.2	24.6	24.7	24.9	25.1	
IV 8000	19.1	21.0	23.6	25.6	26.1	26.9	27.8	27.8	28.3	28.3	28.6	29.0	29.2	29.3	29.5	
IV 7000	21.2	22.4	24.9	27.3	27.8	28.6	29.5	29.5	30.0	30.0	30.2	30.7	30.8	31.0	31.2	
≥ 6000	24.4	25.6	28.5	30.8	31.4	32.4	33.2	33.2	33.7	33.7	34.1	34.4	34.6	34.7	35.3	
IV 5000	26.8	28.1	31.0	33.4	33.9	34.9	35.8	35.8	36.2	36.4	36.8	37.1	37.3	37.5	38.1	
IV 4500	27.8	29.3	32.2	34.6	35.1	36.1	36.9	36.9	37.5	37.6	38.0	38.3	38.5	38.6	39.3	
IV 4000	29.5	31.2	34.6	36.9	37.6	38.6	39.5	39.5	40.0	40.2	40.5	40.8	41.0	41.2	41.9	
≥ 3500	30.3	32.4	35.9	38.3	39.0	40.0	40.8	40.8	41.4	41.5	41.9	42.2	42.4	42.5	43.2	
IV 3000	32.2	34.6	38.1	40.5	41.2	42.4	43.2	43.2	43.9	44.1	44.4	44.7	44.9	45.1	45.8	
IV 2500	33.6	36.4	40.5	43.7	44.4	45.8	46.6	46.6	47.3	47.5	47.8	48.1	48.3	48.5	49.2	
IV 2000	35.4	38.5	43.6	46.8	47.5	49.0	49.8	49.8	50.5	50.7	51.0	51.4	51.5	51.7	52.4	
IV 1800	35.8	38.8	43.9	47.5	48.1	49.7	50.5	50.5	51.2	51.4	51.7	52.0	52.2	52.4	53.1	
IV 1500	38.8	42.0	47.8	51.5	52.2	53.9	54.7	54.9	56.1	56.3	56.6	56.9	57.1	57.3	58.0	
IV 1200	39.8	43.2	49.3	53.2	54.2	56.1	57.3	57.5	58.6	58.8	59.2	59.5	59.7	59.8	60.5	
IV 1000	43.2	46.6	53.4	57.8	59.0	61.5	63.6	63.9	65.8	66.1	66.8	67.1	67.3	67.5	68.1	
IV 900	43.7	47.1	53.9	58.3	59.5	62.2	64.6	64.9	66.9	67.3	68.0	68.3	68.5	68.6	69.3	
IV 800	44.6	48.1	55.9	60.8	62.0	65.1	67.8	68.1	70.2	70.7	71.5	72.0	72.2	72.4	73.1	
IV 700	45.1	48.6	56.4	61.4	62.7	65.9	69.2	69.8	72.0	72.5	73.4	73.9	74.1	74.2	74.9	
IV 600	45.1	48.6	56.4	62.0	63.4	66.8	71.2	71.7	74.2	74.7	75.6	76.1	76.4	76.6	77.3	
IV 500	45.1	48.8	56.9	62.5	64.1	67.8	72.5	73.2	76.9	77.8	78.8	79.7	80.3	80.5	81.2	
IV 400	45.3	49.0	57.3	62.9	64.6	69.0	74.1	74.9	80.3	81.9	83.4	84.7	86.1	86.4	87.1	
IV 300	45.3	49.0	57.3	63.1	64.7	69.8	75.1	75.9	81.7	83.4	84.9	86.6	88.3	89.0	91.7	
IV 200	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.3	89.3	90.7	93.8	
IV 100	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.8	90.2	91.5	98.3	
IV 0	45.4	49.2	57.5	63.2	64.9	70.0	75.3	76.1	81.9	83.6	85.6	87.8	90.2	91.5	100.0	

TOTAL NUMBER OF OBSERVATIONS

590

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

3472 ANSBACH AFB GERMANY/KATTERBACH 44,55-72

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING		13.1	14.2	16.0	18.6	19.0	19.5	20.5	20.6	21.5	21.7	21.9	21.9	21.9	21.9	21.9
≥ 20000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 18000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 16000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 14000		17.8	19.0	21.9	24.1	24.4	24.9	25.9	26.3	26.9	27.1	27.3	27.3	27.3	27.3	27.3
IV 12000		18.1	19.3	22.2	24.4	24.7	25.3	26.3	26.9	27.3	27.5	27.6	27.6	27.6	27.6	27.6
IV 10000		18.6	19.8	22.7	24.9	25.3	25.9	26.9	27.3	28.0	28.1	28.3	28.3	28.3	28.3	28.3
IV 9000		19.3	20.5	23.4	25.6	25.9	26.6	27.6	28.0	28.6	28.8	29.0	29.0	29.0	29.0	29.0
IV 8000		23.4	24.6	27.5	29.7	30.0	30.7	31.7	32.0	32.7	32.9	33.1	33.1	33.1	33.1	33.1
IV 7000		24.7	26.1	29.0	31.4	31.7	32.5	33.6	33.9	34.6	34.7	34.9	34.9	34.9	34.9	34.9
IV 6000		28.1	29.5	32.4	34.9	35.4	36.4	37.5	37.8	38.5	38.6	38.8	38.8	38.8	38.8	38.8
IV 5000		30.0	31.4	34.2	36.8	37.3	38.3	39.3	39.7	40.3	40.5	40.7	40.7	40.7	40.7	40.7
IV 4500		30.0	31.4	34.2	36.8	37.3	38.3	39.3	39.7	40.3	40.5	40.7	40.7	40.7	40.7	40.7
IV 4000		31.5	32.9	35.8	38.3	39.0	40.0	41.2	41.5	42.2	42.4	42.5	42.5	42.5	42.5	42.5
IV 3500		32.2	34.1	37.5	40.3	41.0	42.0	43.2	43.6	44.2	44.4	44.6	44.6	44.6	44.6	44.6
IV 3000		33.4	35.3	39.0	41.9	42.5	43.6	44.7	45.1	45.8	45.9	46.1	46.1	46.1	46.1	46.1
IV 2500		35.4	37.8	41.3	44.4	45.3	46.4	47.8	48.1	48.8	49.0	49.2	49.2	49.2	49.2	49.2
IV 2000		38.5	41.4	45.6	48.6	49.5	50.7	52.0	52.4	53.1	53.2	53.4	53.4	53.4	53.4	53.4
IV 1800		39.0	41.9	46.4	49.5	50.3	51.5	52.9	53.2	53.9	54.1	54.2	54.2	54.2	54.2	54.2
IV 1500		44.9	48.1	53.6	57.1	58.0	59.7	61.2	61.7	62.5	62.7	62.9	62.9	62.9	62.9	62.9
IV 1200		46.3	50.5	56.1	59.7	61.2	62.9	64.4	64.9	65.8	65.9	66.1	66.1	66.1	66.1	66.1
IV 1000		49.3	54.2	60.8	64.7	66.4	68.1	70.0	70.5	71.4	71.9	72.0	72.0	72.0	72.0	72.0
IV 900		50.5	55.4	62.0	66.4	68.3	70.2	72.0	72.7	74.1	74.6	74.7	74.7	74.7	74.7	74.7
IV 800		51.4	56.4	63.4	67.8	69.7	71.5	73.4	74.1	75.4	75.9	76.1	76.1	76.1	76.1	76.1
IV 700		52.2	57.3	64.2	69.2	71.4	73.6	75.4	76.1	77.3	78.3	78.5	78.5	78.5	78.5	78.5
IV 600		52.4	57.5	65.1	70.2	72.5	75.6	77.8	78.5	80.5	81.2	81.5	81.5	81.5	81.5	81.5
IV 500		52.4	57.6	65.3	71.2	73.6	77.6	80.3	81.4	84.4	85.1	85.4	85.4	85.4	85.4	85.4
IV 400		52.5	57.8	65.8	71.9	74.2	79.2	82.2	83.4	87.1	88.1	89.0	89.5	90.0	90.0	90.0
IV 300		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.5	90.5	92.0	92.7	93.2	93.4	94.1
IV 200		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	97.8
IV 100		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	99.5
IV 0		52.5	57.8	65.8	72.0	74.4	79.8	83.4	85.1	89.7	90.8	92.5	94.6	95.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

590

USAF ETAC

FORM
JUL 64

0-14-5 (OI. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172

ANSBACH AAF GERMANY/KATTERBACH 46.65-72

ACV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	20	25	24	23	22	22	21	21	21	20	20	19	19	18	18
NO CEILING		17.8	18.9	20.3	21.2	21.7	21.7	21.7	21.7	22.3	22.3	22.3	22.3	22.5	22.5	22.5
≥ 20000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 18000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 16000		21.9	23.2	25.3	26.6	27.1	27.1	27.6	27.6	28.2	28.2	28.2	28.2	28.3	28.3	28.3
IV 14000		22.3	23.5	25.7	26.9	27.5	27.5	28.0	28.0	28.5	28.5	28.5	28.5	28.7	28.7	28.7
IV 12000		22.3	23.5	25.8	27.1	27.5	27.6	28.2	28.2	28.7	28.7	28.7	28.7	28.9	28.9	28.9
IV 10000		22.8	24.1	26.0	28.0	28.5	28.5	29.1	29.1	29.6	29.6	29.6	29.6	29.8	29.8	29.8
IV 9000		23.5	24.8	27.3	28.7	29.2	29.2	29.8	29.8	30.3	30.3	30.3	30.3	30.5	30.5	30.5
IV 8000		25.8	27.1	29.6	31.0	31.6	31.6	32.1	32.1	32.6	32.6	32.6	32.6	32.8	32.8	32.8
IV 7000		27.8	29.2	31.9	33.3	33.9	34.0	34.6	34.6	35.1	35.1	35.1	35.1	35.3	35.3	35.3
IV 6000		31.0	32.4	35.7	37.8	38.3	38.5	39.0	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.8
IV 5000		32.3	33.7	37.1	39.2	39.8	39.9	40.5	40.5	41.0	41.0	41.0	41.0	41.2	41.2	41.2
IV 4500		33.0	34.4	37.8	39.9	40.5	40.6	41.2	41.2	41.7	41.7	41.7	41.7	41.9	41.9	41.9
IV 4000		34.2	36.0	39.4	41.5	42.1	42.2	42.8	42.8	43.3	43.3	43.3	43.3	43.5	43.5	43.5
IV 3500		36.0	38.9	42.4	44.7	45.3	45.5	46.0	46.0	46.5	46.5	46.5	46.5	46.7	46.7	46.7
IV 3000		41.0	42.1	46.9	49.2	49.7	49.9	50.4	50.4	51.0	51.0	51.0	51.0	51.2	51.2	51.2
IV 2500		42.4	44.4	48.1	50.6	51.2	51.3	52.0	52.0	52.6	52.6	52.6	52.6	52.8	52.8	52.8
IV 2000		45.2	47.6	52.2	55.1	55.6	55.8	56.5	56.5	57.4	57.4	57.4	57.4	57.6	57.6	57.6
IV 1800		45.6	48.3	53.3	56.1	56.7	57.2	57.9	57.9	58.8	58.8	58.8	58.8	59.0	59.0	59.0
IV 1500		51.9	54.4	59.7	62.7	63.3	64.5	65.2	65.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5
IV 1200		53.8	57.0	62.7	66.0	66.5	67.7	68.4	68.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7
IV 1000		54.9	58.5	65.2	68.4	69.0	71.1	71.8	71.8	73.1	73.1	73.1	73.1	73.4	73.4	73.4
IV 900		56.7	60.2	67.2	70.4	70.9	73.1	74.0	74.0	75.8	75.9	75.9	75.9	76.1	76.1	76.1
IV 800		57.4	61.7	69.0	72.7	73.3	75.6	76.5	76.5	78.4	78.6	78.6	78.6	78.8	78.8	78.8
IV 700		57.8	62.2	69.3	73.8	74.3	76.8	77.7	77.7	80.2	80.6	81.1	81.1	81.3	81.3	81.3
IV 600		58.1	62.9	70.4	74.7	75.4	79.1	80.2	80.4	83.6	84.0	84.5	84.5	84.7	84.7	84.7
IV 500		58.5	63.6	71.1	75.6	76.3	80.0	82.2	82.4	85.7	86.1	86.8	87.0	87.2	87.2	87.2
IV 400		58.6	64.0	71.8	76.3	77.0	81.1	83.8	84.0	88.6	88.9	90.5	91.6	91.8	91.8	92.0
IV 300		58.6	64.0	71.8	76.3	77.2	81.8	84.5	84.7	90.2	90.7	92.9	93.9	94.7	94.7	94.8
IV 200		58.6	64.0	71.8	76.3	77.2	81.8	84.5	84.7	90.2	90.7	93.2	94.7	95.4	95.7	96.1
IV 100		58.8	64.3	72.2	76.8	77.5	82.2	84.8	85.0	90.6	91.1	93.6	95.2	95.9	96.3	98.6
IV 0		58.8	64.3	72.2	76.8	77.5	82.2	84.8	85.0	90.6	91.1	93.6	95.2	95.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

361

USAF ETAC

FORM
FPL 04

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46667072

DEV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY IN MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING ≤ 20000		25.7	26.1	27.8	29.1	29.1	29.6	29.6	29.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 18000		27.8	28.7	30.4	32.2	32.6	33.0	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 16000		27.8	28.7	30.4	32.2	32.6	33.0	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 14000		28.3	29.1	30.9	32.6	33.0	33.5	33.5	33.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 12000		28.3	29.1	30.9	32.6	33.0	33.5	33.5	33.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 10000		29.6	30.4	32.2	33.9	34.3	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 9000		29.6	30.4	32.2	33.9	34.3	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 8000		31.7	32.6	34.3	36.1	36.5	37.0	37.0	37.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 7000		33.5	34.3	36.1	37.8	38.3	38.7	38.7	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 6000		35.2	36.1	38.3	40.9	41.3	42.2	42.2	42.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 5000		36.1	37.4	39.5	42.2	42.6	43.5	43.5	43.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 4500		36.1	37.4	40.0	43.0	43.5	44.3	44.3	44.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 4000		36.5	37.8	40.4	43.5	43.9	44.8	44.8	44.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 3500		37.4	38.7	41.3	44.3	44.8	45.7	45.7	45.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 3000		42.6	43.9	47.4	52.6	53.0	53.9	53.9	53.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 2500		44.3	45.7	49.1	54.3	54.8	55.7	55.7	55.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 2000		47.4	48.7	53.5	58.7	59.1	60.0	60.0	60.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 1800		48.3	49.6	54.3	59.6	60.0	61.3	61.3	61.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 1500		52.2	53.5	58.3	63.9	64.3	66.1	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 1200		53.5	55.2	60.0	65.7	66.1	68.3	68.3	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 1000		54.8	57.8	63.0	69.1	69.6	73.0	73.0	73.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 900		56.5	59.6	66.5	72.6	73.0	77.0	77.0	77.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 800		57.4	60.4	67.4	73.9	74.3	78.3	78.3	78.3	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 700		57.8	61.3	69.1	76.5	77.0	80.9	80.9	80.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 600		58.3	62.2	70.0	77.4	78.3	82.6	82.6	83.0	86.1	86.5	87.0	87.0	87.0	87.0	87.0	87.0
IV 500		58.3	62.2	70.0	77.4	78.3	83.0	83.5	84.3	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3
IV 400		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	88.3	89.1	90.0	90.0	90.0	90.0	90.0	90.0
IV 300		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	92.6	93.0	93.0	93.0	93.0	93.0
IV 200		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	93.0	93.9	94.3	94.3	94.3	94.3
IV 100		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	90.9	93.0	93.9	94.3	94.3	94.3	96.1
IV 0		58.3	62.2	70.0	77.4	78.3	83.9	84.3	85.2	90.0	91.3	93.5	94.3	95.2	95.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS

230

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.72

AEV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILE.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		39.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000		39.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 18000		39.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 16000		39.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 14000		39.0	40.0	40.0	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 12000		39.0	40.0	40.0	40.0	40.0	40.0	41.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 10000		41.0	42.0	42.0	42.0	42.0	42.0	43.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 9000		41.0	42.0	42.0	42.0	42.0	42.0	43.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 8000		44.0	45.0	45.0	45.0	45.0	45.0	46.0	47.0	47.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 7000		45.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 6000		48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 5000		48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4500		48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4000		48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 3500		48.0	49.0	49.0	49.0	49.0	49.0	50.0	51.0	51.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 3000		51.0	52.0	52.0	55.0	55.0	55.0	56.0	57.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 2500		52.0	53.0	53.0	56.0	56.0	56.0	57.0	58.0	58.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 2000		60.0	61.0	61.0	64.0	64.0	64.0	65.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 1800		60.0	61.0	61.0	64.0	64.0	64.0	65.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 1500		61.0	65.0	65.0	69.0	69.0	69.0	70.0	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 1200		61.0	65.0	65.0	69.0	69.0	69.0	70.0	72.0	72.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 1000		64.0	72.0	72.0	77.0	77.0	77.0	78.0	80.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 900		64.0	75.0	75.0	80.0	80.0	80.0	81.0	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 800		64.0	75.0	75.0	80.0	80.0	80.0	81.0	83.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 700		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 600		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 500		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 400		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 300		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 200		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 100		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 0		66.0	77.0	78.0	84.0	84.0	84.0	85.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS

100

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 40000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 18000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 16000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 12000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 10000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 9000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 8000		10.3	17.2	23.0	26.4	26.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 7000		13.6	20.7	26.4	29.9	29.9	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 6000		14.9	21.8	27.6	31.0	31.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 5000		16.1	23.0	28.7	32.2	32.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 4500		16.1	23.0	28.7	32.2	32.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 4000		19.5	26.4	32.2	35.6	35.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 3500		19.5	26.4	32.2	35.6	35.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 3000		20.7	27.6	33.3	36.8	36.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 2500		20.7	27.6	33.3	36.8	36.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 2000		24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1800		24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1500		24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1200		24.1	31.0	36.8	40.2	40.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1000		33.3	40.2	47.1	52.9	52.9	55.2	55.2	55.2	58.6	58.6	58.6	62.1	62.1	62.1	62.1
≥ 900		33.3	40.2	49.4	55.2	55.2	57.5	58.6	58.6	64.4	64.4	64.4	67.8	67.8	67.8	67.8
≥ 800		33.3	40.2	49.4	55.2	55.2	57.5	58.6	58.6	70.1	71.3	71.3	78.2	78.2	78.2	78.2
≥ 700		34.5	41.4	50.6	56.3	56.3	58.6	59.8	59.8	73.6	74.7	74.7	81.6	81.6	81.6	81.6
≥ 600		34.5	41.4	50.6	56.3	56.3	58.6	59.8	59.8	73.6	74.7	74.7	81.6	81.6	81.6	81.6
≥ 500		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2
≥ 400		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2
≥ 300		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2
≥ 200		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2
≥ 100		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	86.2	86.2	86.2
≥ 0		34.5	41.4	50.6	56.3	57.5	62.1	63.2	63.2	77.0	78.2	78.2	85.1	89.7	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS

87

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

24172 ANSBACH AAF GERMANY/KATTERBACH 46.71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 20000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 18000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 16000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 14000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 12000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 10000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 9000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 8000		21.2	20.9	29.8	30.8	30.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	36.5	36.5	36.5
IV 7000		24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4
IV 6000		24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4
IV 5000		24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4
IV 4500		24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4
IV 4000		24.0	29.8	32.7	33.7	33.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4	40.4	40.4
IV 3500		25.0	30.8	33.7	34.6	34.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	42.3	42.3	42.3
IV 3000		25.0	30.8	33.7	34.6	34.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	42.3	42.3	42.3
IV 2500		28.8	34.6	37.5	38.5	38.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	47.1	47.1	47.1
IV 2000		28.8	34.6	37.5	38.5	38.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	47.1	47.1	47.1
IV 1800		28.8	34.6	37.5	38.5	38.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	47.1	47.1	47.1
IV 1500		29.8	35.6	38.5	39.4	39.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	48.1	48.1	48.1
IV 1200		29.8	35.6	38.5	40.4	40.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	49.0	49.0	49.0
IV 1000		29.8	35.6	38.5	40.4	40.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	49.0	49.0	49.0
IV 900		36.5	47.1	50.0	51.9	51.9	59.6	60.6	60.6	60.6	60.6	60.6	60.6	70.2	70.2	70.2
IV 800		36.5	47.1	50.0	51.9	51.9	62.5	64.4	64.4	64.4	64.4	64.4	64.4	73.0	73.0	73.0
IV 700		36.5	47.1	50.0	51.9	51.9	62.5	64.4	64.4	64.4	64.4	64.4	64.4	73.0	73.0	73.0
IV 600		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 500		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 400		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 300		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 200		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 100		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8
IV 0		38.5	49.0	51.9	53.8	53.8	65.4	67.3	67.3	67.3	67.3	67.3	67.3	78.8	78.8	78.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.6572

REC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

C4CQ=0800

CEILING, FEET	VISIBILITY, STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		12.6	15.5	19.4	20.3	20.8	22.7	23.2	23.2	24.6	24.8	24.8	25.4	25.1	26.6
≥ 18000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 16000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 14000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 12000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 10000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 9000		13.0	15.8	20.3	21.3	21.9	24.0	24.5	24.5	25.9	26.1	26.1	26.7	27.4	27.8
≥ 8000		13.1	16.0	20.6	21.6	22.2	25.1	25.6	25.6	27.0	27.2	27.2	27.8	28.5	29.0
≥ 7000		13.6	16.5	21.4	22.7	23.4	26.2	26.7	26.7	28.2	28.3	28.3	29.0	29.6	30.1
≥ 6000		13.9	16.8	21.9	23.2	23.8	26.7	27.4	27.4	29.0	29.1	29.1	29.8	30.4	30.9
≥ 5000		14.2	17.1	22.4	23.8	24.5	27.4	28.0	28.0	29.6	29.8	29.8	30.4	31.0	31.5
≥ 4500		14.9	17.8	23.0	24.5	25.1	28.0	28.6	28.6	30.4	30.6	30.6	31.2	31.8	32.3
≥ 4000		15.5	18.6	24.0	26.1	26.7	29.9	30.7	30.7	32.5	32.6	32.6	33.3	33.9	34.4
≥ 3500		15.7	18.9	24.6	26.7	27.4	31.2	32.0	32.0	34.1	34.2	34.2	34.9	35.5	36.0
≥ 3000		16.2	19.4	25.6	27.7	28.3	32.2	33.0	33.0	35.0	35.2	35.2	35.8	36.5	37.0
≥ 2500		18.7	22.2	29.4	31.8	32.5	36.3	37.4	37.4	40.0	40.2	40.2	40.8	41.4	41.9
≥ 2000		21.3	25.0	33.4	36.3	37.0	41.0	42.2	42.2	45.0	45.1	45.1	45.8	46.4	46.9
≥ 1800		22.1	25.8	34.2	37.1	37.9	41.9	43.2	43.2	46.1	46.2	46.2	46.9	47.5	48.0
≥ 1500		24.5	29.0	37.9	40.8	41.8	45.8	47.0	47.0	50.2	50.4	50.4	51.2	52.2	52.6
≥ 1200		25.0	29.6	38.7	41.6	42.6	47.0	48.6	48.6	52.2	52.3	52.3	53.1	54.1	54.6
≥ 1000		26.7	31.8	43.8	47.4	48.3	53.8	56.0	56.0	60.2	60.3	60.3	61.4	62.4	62.9
≥ 900		27.3	33.0	45.1	48.8	49.9	55.8	58.1	58.1	62.2	62.6	62.6	63.7	64.8	65.3
≥ 800		28.2	33.8	46.6	50.4	51.7	57.9	60.3	60.3	64.3	64.6	64.6	65.9	66.9	67.4
≥ 700		28.3	33.9	47.5	52.5	53.8	60.5	63.2	63.2	67.0	67.1	67.1	68.4	69.4	69.9
≥ 600		29.1	34.7	49.3	54.4	56.2	63.8	66.6	66.6	70.6	70.9	70.9	72.2	73.2	73.7
≥ 500		29.6	35.4	50.2	55.5	57.6	66.2	69.8	69.8	73.8	74.1	74.1	75.4	76.4	76.9
≥ 400		29.6	35.4	50.2	55.5	57.6	66.2	69.8	69.8	73.8	74.1	74.1	75.4	76.4	76.9
≥ 300		29.6	35.4	50.2	55.5	57.6	66.2	69.8	69.8	73.8	74.1	74.1	75.4	76.4	76.9
≥ 200		29.6	35.4	50.2	55.5	57.6	66.2	69.8	69.8	73.8	74.1	74.1	75.4	76.4	76.9
≥ 100		29.6	35.4	50.2	55.5	57.6	66.2	69.8	69.8	73.8	74.1	74.1	75.4	76.4	76.9
≥ 0		29.9	35.7	50.7	56.2	58.4	68.5	72.6	72.6	76.6	76.8	76.8	78.0	79.0	79.5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 4665-72

LEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		9.2	11.3	13.5	14.8	15.6	16.9	18.6	18.8	19.6	19.7	19.7	19.7	19.7	19.7	20.1
≥ 20000		11.0	12.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 18000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 16000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 14000		11.0	13.4	16.1	17.4	18.3	19.7	21.5	21.7	22.5	22.6	22.6	22.6	22.6	22.6	22.9
IV 12000		11.1	13.5	16.2	17.5	18.5	19.9	21.7	21.8	22.6	22.8	22.8	22.8	22.8	22.8	23.1
IV 10000		11.3	13.7	16.6	18.2	19.1	20.5	22.3	22.5	23.2	23.4	23.4	23.4	23.4	23.4	23.7
IV 9000		11.5	13.9	16.7	18.3	19.3	20.7	22.5	22.6	23.4	23.6	23.6	23.6	23.6	23.6	23.9
IV 8000		12.6	15.0	18.2	19.7	20.7	22.5	24.2	24.4	25.3	25.5	25.5	25.5	25.5	25.5	25.8
IV 7000		13.5	16.1	19.4	21.3	22.6	24.4	26.3	26.4	27.4	27.5	27.5	27.5	27.5	27.5	27.9
IV 6000		14.2	16.7	20.4	22.8	24.0	25.8	28.2	28.3	29.3	29.5	29.5	29.5	29.5	29.5	29.8
IV 5000		14.5	17.0	20.7	23.1	24.4	26.1	28.5	28.7	29.6	29.8	29.8	29.8	29.8	29.8	30.1
IV 4500		15.0	17.5	21.2	23.6	24.8	26.6	29.0	29.1	30.4	30.6	30.6	30.6	30.6	30.6	30.9
IV 4000		15.6	18.6	22.5	25.2	26.4	28.8	31.2	31.3	32.8	33.0	33.0	33.0	33.0	33.0	33.3
IV 3500		16.7	19.7	23.6	26.3	27.5	30.1	32.5	32.8	34.1	34.2	34.2	34.2	34.2	34.2	34.6
IV 3000		17.6	21.0	25.8	28.7	29.9	32.1	35.5	35.8	37.1	37.3	37.4	37.4	37.4	37.4	37.7
IV 2500		19.6	23.2	28.8	32.0	33.3	36.6	39.2	39.5	40.8	40.9	41.1	41.1	41.1	41.1	41.4
IV 2000		22.1	26.1	32.2	35.4	36.9	40.6	43.2	43.5	44.9	45.4	45.5	45.5	45.5	45.5	45.9
IV 1800		22.3	26.4	32.5	35.7	37.3	40.9	43.5	43.8	45.4	45.9	46.0	46.0	46.0	46.0	46.3
IV 1500		24.5	29.1	35.5	38.9	40.8	44.6	47.3	47.6	49.8	50.5	50.6	50.6	50.6	50.6	51.0
IV 1200		25.6	30.4	37.3	40.8	42.7	46.8	49.8	50.3	52.9	53.5	53.7	53.7	53.7	53.7	54.0
IV 1000		27.2	32.8	41.4	45.2	47.1	52.4	56.5	57.0	60.2	60.8	61.0	61.0	61.0	61.0	61.3
IV 900		27.7	33.6	42.5	46.7	48.7	54.3	58.4	58.9	62.3	62.9	63.1	63.1	63.1	63.1	63.4
IV 800		29.0	34.9	44.7	49.7	52.4	58.4	62.9	63.4	67.2	68.0	68.2	68.2	68.2	68.2	68.5
IV 700		29.6	35.8	46.2	51.3	54.6	62.1	67.5	68.2	73.4	74.4	74.5	74.7	74.7	74.7	75.0
IV 600		30.3	36.5	47.6	52.7	56.4	64.3	69.9	70.9	76.8	77.7	77.9	78.0	78.0	78.0	78.3
IV 500		30.9	37.3	48.7	54.5	58.3	66.9	72.6	73.7	81.1	82.2	82.3	82.8	82.8	82.8	83.1
IV 400		30.9	37.3	49.0	54.8	58.6	67.7	73.7	75.0	82.8	86.0	86.8	87.4	88.1	88.4	88.7
IV 300		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.0	87.4	88.9	90.0	91.1	91.6	92.0
IV 200		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.4	87.7	90.0	91.2	93.0	94.6	96.2
IV 100		31.1	37.4	49.4	55.1	58.9	68.3	74.4	75.6	85.4	87.7	90.1	91.4	93.2	95.1	98.4
IV 0		31.4	37.7	49.7	55.4	59.2	68.6	74.7	76.0	85.7	88.1	90.4	91.7	93.6	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS

628

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34172 - ANSBACH AFB GERMANY/KATTERBACH 46,65-72

250

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		11.2	13.0	14.6	15.9	15.9	16.7	18.9	18.9	19.7	19.7	19.7	19.7	19.7	19.7	19.9
≥ 20000		14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.8
≥ 18000		14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.8
≥ 16000		14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.8
≥ 14000		14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.8
≥ 12000		14.3	16.1	18.4	19.7	19.7	20.5	22.7	22.7	23.6	23.6	23.6	23.6	23.6	23.6	23.8
≥ 10000		14.5	16.4	18.7	20.0	20.0	20.9	23.0	23.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1
≥ 9000		15.1	16.9	19.4	20.7	20.7	21.5	23.6	23.6	24.6	24.6	24.6	24.6	24.6	24.6	24.8
≥ 8000		17.6	19.4	22.0	23.6	23.6	24.6	26.9	26.9	28.1	28.1	28.1	28.1	28.1	28.1	28.2
≥ 7000		18.6	20.4	24.0	26.1	26.1	27.1	29.4	29.4	30.5	30.5	30.5	30.5	30.5	30.5	30.7
≥ 6000		20.0	21.0	25.8	28.2	28.2	29.4	31.7	31.7	32.8	32.8	32.8	32.8	32.8	32.8	33.0
≥ 5000		20.2	22.0	26.3	28.7	28.7	30.0	32.3	32.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7
≥ 4500		20.9	22.7	26.9	29.4	29.6	30.9	33.3	33.3	34.5	34.5	34.5	34.5	34.5	34.5	34.6
≥ 4000		21.2	23.3	27.6	30.2	30.4	32.0	34.5	34.5	35.6	35.6	35.6	35.6	35.6	35.6	35.8
≥ 3500		22.3	24.5	28.7	31.4	31.5	33.2	35.6	35.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9
≥ 3000		25.0	27.3	32.2	34.8	35.0	37.3	39.9	39.9	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 2500		28.1	30.5	35.6	38.3	38.4	40.7	43.3	43.3	44.5	44.5	44.5	44.5	44.5	44.5	44.7
≥ 2000		30.5	33.3	38.8	41.5	41.7	44.2	47.0	47.0	48.1	48.1	48.1	48.1	48.1	48.1	48.3
≥ 1800		31.0	34.0	39.4	42.2	42.4	45.0	47.6	47.6	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥ 1500		33.2	36.6	42.4	45.3	45.5	48.1	50.9	50.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 1200		34.8	38.3	44.0	47.3	47.6	50.9	53.9	53.9	56.3	56.3	56.3	56.3	56.3	56.3	56.7
≥ 1000		37.9	42.7	49.9	54.0	54.5	58.5	61.6	61.6	64.9	64.9	64.9	64.9	64.9	64.9	65.5
≥ 900		37.9	42.9	50.2	54.4	54.8	58.8	62.2	62.2	65.3	65.3	65.3	65.3	65.3	65.3	65.5
≥ 800		39.2	44.7	52.7	58.9	59.6	63.7	68.0	68.0	71.8	71.8	71.8	71.8	71.8	71.8	72.6
≥ 700		39.7	45.3	54.0	60.8	61.6	68.0	72.7	72.7	77.7	77.7	77.7	77.7	77.7	77.7	78.7
≥ 600		40.9	47.0	56.3	63.6	64.7	72.1	78.0	78.0	83.1	83.1	83.1	83.1	83.1	83.1	84.4
≥ 500		41.2	47.3	57.1	64.0	65.3	74.1	80.6	80.6	86.3	86.3	86.3	86.3	86.3	86.3	89.2
≥ 400		41.7	47.8	57.8	64.7	66.5	74.9	82.4	82.4	89.7	89.7	89.7	89.7	89.7	89.7	93.4
≥ 300		41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.1	90.1	90.1	90.1	90.1	90.1	95.7
≥ 200		41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.8	90.8	90.8	90.8	90.8	90.8	98.7
≥ 100		41.7	47.8	57.8	64.7	66.5	75.0	82.6	82.6	90.8	90.8	90.8	90.8	90.8	90.8	99.2
≥ 0		41.7	47.8	57.8	64.9	66.7	75.2	82.8	82.8	91.0	91.0	91.0	91.0	91.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS

609

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

REC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		11.5	13.3	15.6	16.9	16.9	16.6	19.7	19.7	20.7	20.9	21.0	21.2	21.2	21.2	21.2	21.2
≥ 18000		13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3	24.3	24.3
≥ 16000		13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3	24.3	24.3
≥ 14000		13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3	24.3	24.3
≥ 12000		13.8	15.8	18.6	20.0	20.0	21.7	22.8	22.8	23.8	24.0	24.1	24.3	24.3	24.3	24.3	24.3
≥ 10000		14.3	16.3	19.0	20.5	20.5	22.2	23.3	23.3	24.3	24.5	24.6	24.8	24.8	24.8	24.8	24.8
≥ 9000		14.4	16.4	19.2	20.7	20.7	22.3	23.5	23.5	24.5	24.6	24.8	25.0	25.0	25.0	25.0	25.0
≥ 8000		15.9	17.9	21.0	22.8	22.8	24.6	25.9	25.9	26.9	27.1	27.3	27.4	27.4	27.4	27.4	27.4
≥ 7000		16.7	18.9	22.2	24.5	24.5	26.3	27.8	27.8	28.9	29.1	29.2	29.4	29.4	29.4	29.4	29.4
≥ 6000		19.0	21.7	25.5	27.8	27.8	29.6	31.2	31.2	32.3	32.5	32.7	32.8	32.8	32.8	32.8	32.8
≥ 5000		19.7	22.3	26.1	28.4	28.4	30.2	31.9	31.9	33.0	33.2	33.3	33.5	33.5	33.5	33.5	33.5
≥ 4500		20.7	23.5	27.4	29.7	29.7	31.5	33.5	33.5	34.6	34.8	35.0	35.1	35.1	35.1	35.1	35.1
≥ 4000		20.9	23.6	27.8	30.0	30.0	31.9	33.8	33.8	35.0	35.1	35.3	35.5	35.5	35.5	35.5	35.5
≥ 3500		23.5	26.4	30.5	32.8	32.8	35.1	37.1	37.1	38.3	38.4	38.6	38.8	38.8	38.8	38.8	38.8
≥ 3000		24.8	27.9	32.8	35.3	35.3	38.3	40.6	40.6	41.7	41.9	42.0	42.2	42.2	42.2	42.2	42.2
≥ 2500		28.1	32.0	37.1	39.7	40.1	42.9	45.2	45.2	46.3	46.5	46.6	46.8	46.8	46.8	46.8	46.8
≥ 2000		29.4	33.3	39.2	42.0	42.4	45.2	47.5	47.5	48.6	48.8	48.9	49.3	49.3	49.3	49.3	49.3
≥ 1800		29.7	33.7	39.6	42.4	42.7	45.3	47.8	47.8	48.9	49.1	49.3	49.6	49.6	49.6	49.6	49.6
≥ 1500		32.5	37.4	44.0	47.6	48.1	51.4	54.0	54.0	55.5	55.7	55.8	56.2	56.2	56.2	56.2	56.2
≥ 1200		34.2	39.1	45.8	49.9	51.1	54.4	57.1	57.1	58.6	58.8	58.9	59.3	59.3	59.3	59.3	59.3
≥ 1000		36.3	42.4	50.6	55.7	57.2	61.6	65.0	65.2	67.0	67.8	68.2	68.8	68.8	68.8	68.8	68.8
≥ 900		36.3	42.5	51.2	56.8	58.6	62.9	66.7	66.8	68.6	69.5	69.6	70.4	70.4	70.4	70.4	70.4
≥ 800		36.8	43.3	52.7	59.9	61.9	66.8	71.6	71.8	73.6	74.9	75.0	75.9	75.9	75.9	75.9	75.9
≥ 700		37.3	44.3	54.2	61.7	63.7	69.6	75.0	75.2	77.7	79.0	79.1	80.0	80.0	80.0	80.0	80.0
≥ 600		37.6	45.0	54.8	62.7	65.2	72.7	78.5	78.7	81.1	82.4	82.6	83.6	83.6	83.6	83.6	83.6
≥ 500		37.8	45.2	55.5	63.4	65.8	73.9	81.0	81.6	85.2	87.2	87.7	88.8	89.2	89.3	89.3	89.3
≥ 400		37.8	45.2	55.5	63.4	66.0	74.2	81.9	82.6	87.8	90.6	91.1	92.4	93.1	93.3	93.3	93.3
≥ 300		37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.7	95.6	96.1	96.4	96.4
≥ 200		37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.0	97.5	97.5
≥ 100		37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.4	99.2	99.2
≥ 0		37.8	45.2	55.8	63.9	66.3	74.5	82.6	83.3	88.7	91.6	92.9	94.9	95.9	97.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

609

1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4C

CEILING VERSUS VISIBILITY

44172 ANSBACH AAF GER. ANY/KATTERBACH 46,55-66,68-70,72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		13.1	15.0	17.2	20.1	20.8	22.3	24.1	24.1	25.2	25.2	25.2	27.4	27.4	27.4	27.4
≥ 20000		14.2	16.4	19.0	21.9	22.6	24.1	25.9	25.9	27.0	27.0	27.0	29.2	29.2	29.2	29.2
≥ 18000		14.2	16.4	19.0	21.9	22.6	24.1	25.9	25.9	27.0	27.0	27.0	29.2	29.2	29.2	29.2
≥ 16000		14.2	16.4	19.0	21.9	22.6	24.1	25.9	25.9	27.0	27.0	27.0	29.2	29.2	29.2	29.2
≥ 14000		14.2	16.4	19.3	22.3	23.0	24.5	26.3	26.3	27.4	27.4	27.4	29.6	29.6	29.6	29.6
≥ 12000		14.2	16.4	19.3	22.3	23.0	24.5	26.3	26.3	27.4	27.4	27.4	29.6	29.6	29.6	29.6
≥ 10000		14.6	17.5	20.8	23.7	24.5	25.9	27.7	27.7	28.8	28.8	28.8	31.0	31.0	31.0	31.0
≥ 9000		14.6	17.5	20.8	23.7	24.5	25.9	27.7	27.7	28.8	28.8	28.8	31.0	31.0	31.0	31.0
≥ 8000		15.2	18.2	21.5	24.5	25.2	27.0	28.8	28.8	29.9	29.9	29.9	32.1	32.1	32.1	32.1
≥ 7000		16.4	19.3	23.0	26.3	27.0	28.8	31.0	31.0	32.1	32.1	32.1	34.3	34.3	34.3	34.3
≥ 6000		17.2	20.4	24.1	27.4	28.1	29.9	32.5	32.5	33.6	33.6	33.6	35.8	35.8	35.8	35.8
≥ 5000		17.2	21.2	24.8	28.1	28.8	31.0	33.6	33.6	34.7	34.7	34.7	36.9	36.9	36.9	36.9
≥ 4500		17.9	21.9	25.9	29.2	29.9	32.1	35.0	35.0	36.1	36.1	36.1	38.3	38.3	38.3	38.3
≥ 4000		17.9	21.9	25.9	29.2	29.9	32.1	35.0	35.0	36.1	36.1	36.1	38.3	38.3	38.3	38.3
≥ 3500		18.2	22.3	26.3	29.6	30.7	32.8	35.8	35.8	36.9	36.9	36.9	39.1	39.1	39.1	39.1
≥ 3000		20.1	24.5	29.9	33.2	34.3	36.9	40.1	40.1	41.2	41.2	41.2	43.4	43.4	43.4	43.4
≥ 2500		23.0	26.5	34.3	37.6	38.7	41.2	44.5	44.5	45.6	45.6	45.6	47.8	47.8	47.8	47.8
≥ 2000		24.1	29.6	37.2	40.5	41.6	44.2	48.2	48.2	49.3	49.3	49.3	51.5	51.5	51.5	51.5
≥ 1800		24.1	29.6	37.2	40.5	41.6	44.2	48.2	48.2	49.3	49.3	49.3	51.5	51.5	51.5	51.5
≥ 1500		27.7	33.6	41.2	45.6	47.4	50.7	55.1	55.1	56.2	56.2	56.2	58.4	58.4	58.4	58.4
≥ 1200		28.1	33.9	41.6	46.4	48.2	51.5	55.8	55.8	56.9	56.9	56.9	59.1	59.1	59.1	59.1
≥ 1000		30.3	36.5	45.3	51.5	53.3	58.0	63.9	63.9	65.3	65.3	65.3	69.7	69.7	69.7	69.7
≥ 900		30.3	36.9	46.0	52.2	54.0	58.8	64.6	64.6	66.1	67.2	67.2	70.4	70.4	70.4	70.4
≥ 800		31.4	38.3	48.5	57.3	59.9	65.7	73.0	73.0	75.6	77.7	77.7	81.0	81.0	81.0	81.0
≥ 700		31.4	38.3	48.5	57.7	60.2	66.1	74.1	74.1	78.1	79.2	79.2	82.5	82.5	82.5	82.5
≥ 600		31.4	38.3	48.5	58.4	60.9	66.8	74.8	74.8	78.8	79.9	79.9	83.2	83.2	83.2	83.2
≥ 500		31.4	38.3	48.9	59.1	61.7	68.2	77.4	77.4	83.2	85.0	85.0	88.3	88.3	88.3	88.3
≥ 400		31.4	38.3	49.3	60.2	62.8	69.3	78.8	79.2	85.8	88.0	88.0	91.2	91.2	91.2	91.2
≥ 300		31.4	38.3	49.3	60.2	62.8	69.3	79.2	79.6	86.9	89.1	89.8	93.1	93.8	93.8	93.8
≥ 200		31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	93.8	94.5	94.9	95.3
≥ 100		31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	93.8	94.5	95.6	97.1
≥ 0		31.4	38.3	49.3	60.6	63.1	69.7	79.6	79.9	87.2	89.4	90.1	94.2	94.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

274

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

34172 ANSBACH AFB GERMANY/KATTERBACH 46.72

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
≥ 20000		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
IV 18000		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
IV 16000		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
IV 14000		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
IV 12000		14.4	10.7	17.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	25.6	25.6	25.6
IV 10000		14.4	20.0	21.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.9	28.9	28.9
IV 9000		14.4	20.0	21.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	28.9	28.9	28.9
IV 8000		16.7	23.3	24.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	32.2	32.2	32.2
IV 7000		16.7	23.3	24.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	32.2	32.2	32.2
IV 6000		16.7	23.3	25.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	33.3	33.3	33.3
IV 5000		16.7	24.4	26.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	34.4	34.4	34.4
IV 4500		16.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6
IV 4000		16.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6
IV 3500		16.7	25.6	27.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	35.6	35.6	35.6
IV 3000		16.7	26.7	31.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.9	38.9	38.9
IV 2500		16.7	26.7	31.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	38.9	38.9	38.9
IV 2000		17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2
IV 1800		17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2
IV 1500		17.8	27.8	34.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	42.2	42.2	42.2
IV 1200		18.9	28.9	35.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	43.3	43.3	43.3
IV 1000		22.2	32.2	38.9	46.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	56.7	56.7	56.7
IV 900		22.2	32.2	38.9	46.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	56.7	56.7	56.7
IV 800		23.3	34.4	41.1	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	58.9	58.9	58.9
IV 700		23.3	34.4	41.1	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	58.9	58.9	58.9
IV 600		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 500		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 400		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 300		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 200		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 100		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3
IV 0		24.4	36.7	43.3	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	63.3	63.3	63.3

TOTAL NUMBER OF OBSERVATIONS

90

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	2
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

1
DATA PROCESSING PRACTICE
ETAC/USAF
AIR WEATHER SERVICE/AFAC

SKY COVER

34172 ANSBACH AAF GERMANY/KATTERBACH

46-47,65-70

ALL

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	20.1	1.8	1.8	1.8	1.7	1.5	2.5	1.2	3.8	3.7	61.3	7.2	2584
FEB		12.2	1.3	.6	2.8	2.5	2.1	2.8	1.6	3.8	5.1	65.3	7.9	2366
MAR		13.1	1.9	1.5	2.9	2.9	2.4	4.7	2.8	5.2	4.7	57.9	7.5	2625
APR		23.7	2.4	3.2	4.3	3.7	4.3	4.2	2.2	6.6	5.5	40.0	6.0	2643
MAY		15.2	3.9	4.5	3.8	3.1	4.0	4.0	2.8	6.0	7.5	45.6	6.7	2750
JUN		6.7	5.5	1.8	4.2	4.3	5.9	3.9	4.2	8.9	9.0	45.6	7.3	2605
JUL		15.2	7.1	3.2	4.9	5.1	6.4	5.4	3.2	7.8	7.9	33.8	6.1	2575
AUG		13.1	4.0	3.3	4.1	5.2	4.7	5.5	4.4	6.8	6.9	41.3	6.6	2674
SEP		20.7	4.6	3.0	4.7	4.7	4.6	3.5	3.9	7.5	7.0	36.0	6.0	2552
OCT		23.0	1.9	1.6	3.9	3.1	2.2	2.5	1.4	3.7	4.2	53.4	6.6	2936
NOV		13.7	1.6	.6	2.1	2.7	2.3	2.5	1.6	3.3	3.2	66.0	7.8	2707
DEC		14.5	1.1	.9	1.7	1.2	1.1	2.4	.9	2.6	3.6	69.9	7.9	2861
TOTALS		15.9	3.2	2.2	3.4	3.3	3.5	2.6	2.5	5.5	5.7	51.3	7.0	31878

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

523

STATION

STATION NAME

PERIOD

454

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	24.7			3.7	1.2	1.2	2.5	3.7	3.7	2.5	56.8	6.8	81
	03-05	10.0			2.5	4.9	2.5	2.5		3.7	2.5	65.4	7.6	81
	06-08	10.5	1.7	.4	2.5	1.9	2.1	3.2	1.9	5.1	4.8	65.9	8.0	475
	09-11	7.1	1.5	.8	2.5	.6	2.1	2.7	1.5	4.0	6.5	70.8	8.5	480
	12-14	6.7	1.5	1.0	2.9	1.5	1.9	1.9	1.9	5.2	10.7	64.9	6.4	478
	15-17	7.0	2.3	.4	2.3	2.3	3.4	3.4	.4	5.0	8.7	66.7	8.3	472
	18-20	9.1	3.2	.9	3.2	4.1	2.3	2.3	1.6	3.2	2.7	67.1	7.9	219
	21-23	16.5		1.3	2.5	3.8	1.3	3.8	1.3	2.5	2.5	65.0	7.6	80
TOTALS		12.2	1.3	.6	2.8	2.5	2.1	2.8	1.6	3.8	5.1	65.3	7.9	2366

SKY COVER

47,66-70

102

STATION

STATION NAME

25802

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MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	22.2		4.4	2.2	4.4		8.9	3.3	1.1	1.1	52.2	6.5	90
	03-05	23.3			4.4	2.2		4.4	3.3		1.1	61.1	6.9	90
	06-08	11.3	3.6	1.3	5.2	3.8	3.4	2.3	2.7	4.8	5.4	56.2	7.4	523
	09-11	10.2	3.6	1.1	3.0	2.5	4.5	3.0	3.0	5.3	5.3	58.5	7.6	537
	12-14	9.0	2.3	1.3	1.7	2.3	2.3	3.1	2.5	8.4	6.7	60.4	8.0	523
	15-17	7.1	1.7	1.0	2.3	3.4	3.4	3.8	2.9	5.7	8.0	60.5	8.1	522
	18-20	6.7	2.0	2.8	3.1	1.6	3.1	5.9	4.3	5.1	5.5	59.8	7.9	254
	21-23	15.1	2.2		1.1	3.2	2.2	6.5		10.8	4.3	54.8	7.4	93
TOTALS		13.1	1.9	1.5	2.9	2.9	2.4	4.7	2.8	5.2	4.7	57.9	7.5	2625

1

SKY COVER

47,66-70

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STATION

STATION NAME

PERIOD

4. 'N'

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	44.4	2.2	5.6	2.2	1.1	2.2	4.4	2.2	2.2	2.2	31.1	4.3	90
	03-05	44.4	1.1	1.1	10.0	4.4	2.2	4.4	1.1	5.6	3.3	22.2	3.9	90
	06-08	15.0	2.5	2.3	4.2	4.6	3.8	2.6	2.8	6.6	4.4	51.0	7.0	527
	09-11	14.6	2.5	2.7	1.7	3.8	4.8	1.7	2.1	7.2	7.6	51.1	7.1	526
	12-14	11.2	2.1	2.5	2.8	3.6	4.0	3.2	2.3	8.0	12.1	48.2	7.4	527
	15-17	10.8	2.1	1.1	2.5	3.2	4.9	6.6	4.0	8.9	8.3	47.4	7.4	527
	18-20	13.5	4.1	3.4	3.0	4.1	6.8	4.9	3.0	7.5	5.3	44.4	6.7	266
	21-23	35.6	2.2	6.7	7.8	4.4	5.6	5.6		6.7	1.1	24.4	4.3	90
TOTALS		23.7	2.4	3.2	4.3	3.7	4.3	4.2	2.2	6.6	5.3	40.0	6.0	2643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34172 ANSBACH AAF GERMANY/KATTERBACH

46-47,66-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	44.4	5.0	9.3	1.9		1.9				5.6	31.5	4.0	54
	03-05	18.4	5.1	9.2	6.1	3.1	5.1	6.1	5.1	2.0	15.3	24.5	5.5	98
	06-08	12.5	4.2	2.1	3.3	3.7	2.1	3.3	.9	6.9	5.4	55.5	7.3	569
	09-11	10.0	3.3	2.3	3.7	4.2	3.3	3.5	3.0	4.2	6.7	55.8	7.5	570
	12-14	4.2	2.0	1.8	1.9	2.6	6.3	7.5	3.5	8.9	7.7	32.8	7.9	570
	15-17	3.5	2.5	2.1	1.6	3.7	4.4	5.8	4.9	6.9	7.6	36.7	8.1	568
	18-20	5.5	5.1	2.6	3.3	2.9	4.4	3.3	2.6	8.4	7.3	34.6	7.7	273
	21-23	22.9	2.1	6.3	8.3	4.2	4.2	2.1	2.1	10.4	4.2	33.3	5.6	48
TOTALS		15.2	3.9	4.5	3.8	3.1	4.0	4.0	2.8	6.0	7.5	45.6	6.7	2750

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

46,66-70

44

STATION

STATION NAME

PERIOD

2000

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	5.8	3.5	3.5	7.0	4.7	9.3	8.1	5.8	5.8	5.8	40.7	6.9	86
	03-05	3.5	9.3	1.2	3.5	2.3	10.5	2.3	4.7	15.1	4.7	43.0	7.2	86
	06-08	15.9	6.3	1.5	3.6	1.7	3.6	4.0	2.7	7.7	7.1	45.8	6.7	322
	09-11	10.5	6.0	2.1	3.8	3.0	5.3	3.9	2.1	7.3	10.1	46.0	7.1	533
	12-14	4.2	4.9	1.5	3.0	5.7	4.2	4.2	2.6	11.5	12.3	45.9	7.7	529
	15-17	3.6	3.0	1.3	4.2	2.7	3.2	7.2	3.2	11.0	11.9	48.1	7.9	528
	18-20	4.3	5.9	2.0	2.8	4.3	6.7	1.6	7.9	3.5	11.5	43.5	7.5	253
	21-23	5.9	4.4	1.5	5.9	10.3	4.4		4.4	2.9	8.8	51.5	7.4	68
TOTALS		6.7	5.5	1.8	4.2	4.3	5.9	3.9	4.2	8.9	9.0	45.6	7.3	2605

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

34172 ANSBACH AAF GERMANY/KATTERHACH

46,66-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	33.3	9.2	6.9	4.6	4.6	3.4		3.4	1.1	2.3	31.0	4.4	87
	03-05	19.5	8.0	4.6	4.6	6.9	6.9	4.6	1.1	14.9	3.4	25.3	5.3	87
	06-08	19.5	7.1	2.2	4.5	3.7	3.3	3.5	1.6	6.5	8.9	39.2	6.1	508
	09-11	13.2	5.7	2.5	4.0	5.0	4.4	3.1	3.3	6.5	9.4	41.8	6.6	522
	12-14	6.0	2.7	1.7	4.1	5.4	8.3	8.3	4.2	7.9	11.0	40.3	7.3	518
	15-17	4.1	5.1	1.6	4.3	4.7	10.3	7.0	4.1	8.8	13.1	37.0	7.2	513
	18-20	7.5	5.9	5.1	5.1	5.5	6.7	7.1	4.3	10.6	13.0	29.1	6.5	254
	21-23	18.6	12.8	1.2	7.0	4.7	6.1	9.3	3.5	5.8	2.3	26.7	5.1	86
TOTALS		15.2	7.1	3.2	4.9	5.1	6.4	5.4	3.2	7.8	7.9	33.8	6.1	2575

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

45

4. 4. 4.

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	32.3	4.3	6.5	5.2	7.5	4.3	8.6	5.4	2.2	3.2	22.6	4.4	93
	03-05	26.9	5.4	4.3	5.4	7.5	2.2	6.5	7.5	9.7	3.2	21.5	4.8	93
	06-08	10.1	4.0	2.4	2.4	2.9	1.8	3.5	1.7	5.9	8.7	56.0	7.6	543
	09-11	7.7	2.8	2.4	3.1	4.1	3.1	3.7	3.1	7.0	7.7	55.2	7.7	543
	12-14	2.1	3.0	.2	3.0	3.4	3.8	4.7	3.4	10.0	12.5	54.0	8.3	530
	15-17	1.7	4.4	3.1	4.1	2.9	4.4	5.2	2.9	9.5	7.1	54.6	7.9	518
	18-20	6.5	5.3	3.0	5.7	5.7	8.4	3.0	5.3	6.5	7.6	43.0	7.0	263
	21-23	17.6	8.8	4.4	5.5	7.7	9.9	8.8	5.5	3.3	5.5	23.1	5.1	91
TOTALS		13.1	4.8	3.3	4.1	5.2	4.7	5.5	4.4	6.8	6.9	41.3	6.6	2674

SKY COVER

SEP

STATION

STATION NAME

956 05

4. 2. 2.

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	38.9	1.1	3.3	5.6	5.6	2.2	5.0	2.2	6.7	3.3	25.6	4.5	90
	03-05	36.7	1.1	3.3	1.1	2.2	4.4	2.2	7.8	8.9	7.8	22.2	4.7	90
	06-08	12.8	4.5	3.0	5.1	5.3	5.5	3.2	2.0	7.7	5.3	45.6	6.7	507
	09-11	10.4	5.0	2.5	4.1	4.3	6.4	3.3	2.5	8.1	9.3	43.3	6.9	517
	12-14	7.4	5.5	.0	2.5	5.3	6.3	4.5	3.5	6.7	9.2	48.3	7.4	311
	15-17	9.7	4.4	2.2	3.6	4.8	4.8	4.6	3.2	6.9	10.3	45.7	7.2	503
	18-20	14.6	4.1	3.3	4.1	7.0	5.8	2.1	4.1	9.5	8.2	37.0	6.4	243
	21-23	32.6	10.1	5.0	11.2	3.4	1.1	2.2	5.6	5.6	2.2	20.2	3.9	89
TOTALS		20.7	4.6	3.0	4.7	4.7	4.6	3.5	3.9	7.3	7.0	36.0	6.0	2552

SKY COVER

CCT

STATION

STATION NAME

PERIOD

4.2.2

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	30-02	44.0	1.1	1.1	3.3	2.2	3.3	2.2		1.1	2.2	39.6	4.8	91
	03-05	33.5			4.3	1.1	1.1	2.2	2.2	3.2	1.1	49.5	5.2	93
	06-08	9.2	3.3	1.0	3.5	2.6	2.6	1.7	.9	4.5	7.7	62.3	7.9	573
	09-11	10.5	2.5	1.1	2.1	2.3	2.0	2.1	1.6	4.1	6.7	64.9	8.0	610
	12-14	13.3	3.4	1.0	2.3	2.9	2.8	3.1	1.6	4.9	6.1	58.4	7.5	611
	15-17	15.5	2.7	1.2	1.7	2.9	2.0	3.9	2.4	5.9	6.1	55.7	7.3	592
	18-20	17.4	2.5	2.3	6.9	2.9	1.1	2.9	1.4	3.6	3.6	54.3	6.8	276
	21-23	38.9		3.3	6.7		3.3	2.2	1.1	2.2		42.2	5.0	90
TOTALS		23.0	1.9	1.6	3.9	2.1	2.3	2.3	1.4	3.7	4.2	53.4	6.6	2936

SKY COVER

45, 65-70

44

STATION

STATION NAME

1112

59. 24.9

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	26.7		1.1	3.3	4.4	5.6		3.3	4.4		51.1	6.3	90
	03-05	26.7				3.3	2.2	4.4	3.3	2.2		37.8	6.7	90
	06-08	5.9	2.7	1.3	2.5	2.5	2.9	2.5	1.5	2.9	2.9	72.5	8.4	324
	09-11	4.2	1.2	.3	1.4	2.1	1.4	1.4	1.0	5.6	5.1	76.3	8.9	574
	12-14	3.5	1.9	.5	1.4	2.4	1.9	2.1	1.9	4.5	6.1	73.6	8.8	572
	15-17	4.2	2.2	1.3	2.9	1.8	2.4	2.0	2.0	3.1	5.5	72.7	8.6	550
	18-20	11.5	2.3	.5	4.1	3.7	1.8	2.8		2.8	4.6	65.9	7.8	217
	21-23	26.7	2.2		1.1	1.1	4.4	4.4		1.1	1.1	37.8	6.6	90
TOTALS		12.7	1.0	.5	2.1	2.7	2.8	2.5	1.6	3.3	3.2	66.0	7.8	2707

SKY COVER

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STATION

STATION NAME

1110

У. 1990.

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	26.4			1.1		1.1	1.1	1.1	2.3	2.3	64.4	7.1	87
	03-05	20.4		2.2	2.3	2.3		3.4			1.1	62.1	6.7	97
	06-08	11.1	1.5	1.2	2.4	1.7	1.7	1.5	.5	2.7	3.1	72.4	8.1	584
	09-11	6.2	1.3	.7	2.2	1.5	1.5	1.3	1.0	3.2	5.1	74.7	8.7	594
	12-14	6.2	1.7	.2	2.2	1.5	1.2	.7	1.7	1.1	5.3	75.1	8.7	582
	15-17	6.7	1.4	.3	1.7	1.0	2.1	1.0	.7	3.6	4.8	76.6	8.7	531
	18-20	11.3	.5	1.0	1.6	1.6	1.2	3.3	2.3	3.9	1.2	71.2	8.1	257
	21-23	21.3	2.2	1.1				6.7		1.1	4.5	62.9	7.2	89
TOTALS		14.5	1.1	.9	1.7	1.2	1.1	4.4	.9	2.6	3.6	69.9	7.9	2861

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 34172 ANSBACH AAF GERMANY/KATTERBACH

DAILY TEMPERATURES

95-72

YEAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90							2.4	1.0					.3
89				.6	1.2	1.7	11.4	6.4					1.7
88				1.2	3.5	6.4	26.9	13.3					4.2
87				2.4	8.2	24.4	46.1	28.6	1.0				9.7
86				6.7	22.0	46.8	64.7	48.8	26.0	.9			17.8
85			1.2	4.1	18.2	46.3	61.0	81.4	74.4	30.0	1.1		28.0
84			4.1	8.2	26.7	58.0	73.8	90.4	87.7	73.0	40.9	.3	36.3
83		3.8	13.3	46.1	80.0	93.0	99.4	99.3	92.7	83.9	3.8		49.9
82		7.1	23.5	62.4	91.2	98.8	100.0	100.0	100.0	85.3	21.4	1.9	57.5
81	1.8	7.1	23.5	62.4	91.2	98.8	100.0	100.0	100.0	85.3	21.4	1.9	57.5
80	9.4	28.0	47.6	77.6	97.1	100.0				92.7	40.5	8.0	66.3
79	23.5	46.7	69.4	93.8	100.0					92.7	61.0	22.2	76.1
78	42.9	68.1	85.3	98.8						92.7	77.6	43.4	84.4
77	72.4	86.3	94.7	100.0						100.0	94.3	73.9	93.6
76	87.6	93.6	98.8								100.0	90.1	97.7
75	93.9	98.4	100.0									97.6	99.3
74	97.6	99.5										99.3	99.7
73	100.0	100.0										100.0	100.0
72													
71													
70													
69													
68													
67													
66													
65													
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6													
5													
4													
3													
2													
1													
0													
MEAN	23.4	28.6	34.2	48.6	62.3	67.3	73.3	69.9	64.9	57.4	42.2	24.0	53.4
S D	7.962	5.233	9.740	10.444	9.133	8.908	8.933	5.300	6.829	7.698	8.641	7.307	16.196
TOTAL OBS.	170	182	170	168	170	172	169	203	192	220	210	212	2233

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

34172 ANSBACH AAF GERMANY/KATTERBACH

65-72

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70					4.0								4.0
65						2.3	6.0	1.5					9.8
60				1.6	1.2	6.4	34.7	18.7	1.5				50.0
55				1.8	12.9	37.2	64.7	83.2	19.3	5.0			15.8
50				8.5	26.8	72.1	90.4	87.2	51.0	25.5	1.9		30.9
45	1.6	2.2	2.4	16.4	70.0	93.0	99.4	99.3	73.0	44.5	6.2	2.4	42.2
40	9.8	14.3	16.5	48.4	90.6	100.0	100.0	100.0	93.3	68.6	25.7	3.2	54.9
35	19.4	29.7	42.4	67.9	97.6				99.0	85.9	51.0	18.9	67.4
30	24.1	42.3	54.7	75.8	99.4				99.5	90.5	60.5	34.0	73.3
25	41.8	63.2	68.8	90.9	100.0				100.0	98.6	76.2	43.6	82.3
20	62.4	75.8	83.5	90.4						99.1	93.8	72.2	90.6
15	81.8	87.4	93.5	100.0						100.0	98.1	86.8	95.7
10	91.2	96.2	97.1								100.0	93.8	93.4
5	95.9	98.9	98.8									98.6	94.4
0	98.8	100.0	100.0									99.5	99.9
	100.0											100.0	100.0
MEAN	26.8	30.3	32.1	38.6	47.3	52.3	56.6	58.8	48.9	43.3	34.8	25.6	41.2
S D	8.200	8.201	7.696	7.123	5.988	5.484	5.488	4.820	5.413	7.407	6.913	7.634	12.278
TOTAL OBS	170	182	176	168	170	172	167	208	198	220	210	212	2233

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 34172 ANSBACH AAF GERMANY/KATTERBACH
 STATION STATION NAME

65-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							9.6						0.0
75						1.2	9.6	3.0					1.1
70				1.2	2.9	7.6	27.5	15.8					4.4
65				2.4	10.6	29.1	57.5	33.0	10.9	1.4			11.6
60			.6	6.1	23.3	33.5	75.4	68.0	33.9	4.1	.5		21.6
55			2.9	13.3	35.0	77.3	93.4	93.1	65.6	31.8	2.9		35.9
50		1.1	7.0	25.2	77.0	93.6	100.0	100.0	93.7	58.2	5.7		47.4
45	2.4	9.9	21.2	37.0	92.9	99.4			99.0	80.0	23.8	2.9	37.0
40	10.6	25.3	42.9	75.8	99.4	100.0			100.0	93.5	45.1	13.2	67.1
35	31.2	56.6	65.8	95.2	100.0						63.7	33.5	78.8
30	57.1	76.9	87.6	99.4						98.6	89.5	64.6	89.5
25	80.6	87.9	95.9	100.0						100.0	97.6	83.5	93.4
20	90.0	93.6	98.8								100.0	94.5	96.3
15	95.9	98.4										98.1	99.3
10	98.2	100.0	100.0									100.0	99.9
5	100.0												100.0
MEAN	30.3	34.7	38.4	46.3	55.8	60.1	63.1	62.6	57.2	50.6	38.7	31.3	47.6
S D	7.884	7.773	8.191	8.808	7.033	6.808	6.82	5.881	5.406	6.629	7.493	7.293	13.937
TOTAL OBS.	170	182	170	168	170	172	167	203	192	220	210	212	2333

(FROM DAILY OBSERVATIONS)

YEARS

NOTES: * (BASED ON 4 FULL MONTHS)
(AT LEAST ONE DAY < 24 HRS)

EXTREME VALUES
MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS.

34172 ANSBACH AAF GERMANY/KATTERBACH.
STATION STATION NAME

65-322

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES: * (BASED ON: < FULL MONTHS)
(AT LEAST ONE DAY < 24 HRS)

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

YEARS

PAGE 1

PAGE 1

ALL
HOURS L.S.

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.62-72

YEARS ALL MONTHS

PAGE 2 ALL HOURS

Temp (F)	WET BL										TEMPERATURE DEPRESSION (F)										TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
24/ 23	.8	.8	.0	.0															591	598	596	1158		
22/ 21	.5	.7	.0																431	437	512	601		
20/ 19	.5	.6	.0																394	398	401	398		
18/ 17	.4	.3	.0																281	286	357	451		
16/ 15	.5	.2	.0																255	259	271	375		
14/ 13	.3	.2																	187	187	197	346		
12/ 11	.2	.2																	142	143	136	231		
10/ 9	.3	.1																	140	140	156	116		
8/ 7	.2	.1																	87	88	99	160		
6/ 5	.1	.0																	63	63	73	157		
4/ 3	.1	.0																	29	29	32	99		
2/ 1	.0	.0																	6	6	5	78		
0/ -1	.0																		13	13	14	42		
-2/ -3	.0																		4	4	4	15		
-4/ -5																						19		
-6/ -7																						6		
TOTAL	14.335	417.811	0	7.7	5.4	3.9	2.2	1.3	.7	.2	.0	.0	.0	.0	.0	.0	.0		36098	36806		36098		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	223159.44	2777385	76.916	195	36098	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	91902251	1743677	47.615	893	36098	4.21685	11083.5	47.4	122.7			8760
Wet Bulb	74285250	1557322	43.413	143	36098	4.51962	4113.5	8.9				8760
Dew Point	62542498	1431686	39.712	632	36098	20.42605	8	19.0	1.7			8760

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERRACH 47,66-72

YEARS

JAN

PAGE 1

ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
54/ 53																																	3	3			
52/ 51																																	7	7			
50/ 49																																	14	14			
48/ 47																																	22	22		1	
46/ 45																																	35	35	13	1	
44/ 43																																	55	55	42	7	
42/ 41																																	82	83	39	31	
40/ 39																																	139	144	110	34	
38/ 37																																	208	213	172	73	
36/ 35																																	234	234	269	199	
34/ 33																																	267	272	270	309	
32/ 31																																	294	296	278	310	
30/ 29																																	250	253	327	230	
28/ 27																																	210	217	232	263	
26/ 25																																	186	192	185	227	
24/ 23																																	189	191	195	268	
22/ 21																																	96	97	128	145	
20/ 19																																	137	140	127	104	
18/ 17																																	100	100	102	118	
16/ 15																																	117	120	124	95	
14/ 13																																	63	63	76	94	
12/ 11																																	60	61	57	91	
10/ 9																																	76	76	80	41	
8/ 7																																	48	49	54	73	
6/ 5																																	48	48	56	79	
4/ 3																																	25	25	28	60	
2/ 1																																	6	6	5	60	
0/ 0																																	13	13	14	38	
52/ 53																																	4	4	4	15	
50/ 49																																				19	
48/ 47																																				6	
TOTAL	34.5	35.2	7.9	1.6	.8	.0																												3033	2988	2988	
																																		2938	2988		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	22155458		253622		85.5		9.804		2988		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total														
Dry Bulb	2653326		84276		27.8		10.047		3033		4.2		478.6										744														
Wet Bulb	2297048		72780		26.7		9.481		2988		4.5		512.9										744														
Dew Point	2030778		71452		23.9		10.385		2988		19.4		561.2										744														

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB

PAGE 1 ALL

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	TOTAL D.B. WB	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
56/ 55					.1	.4	.0												15	15		
54/ 53				.1	.6	.4	.1												31	31		
52/ 51			.2	.3	.3	.1													25	25		
50/ 49		.3	.7	.8	.1														50	50		
48/ 47		.5	1.5	.4	.2														71	71	26	
46/ 45		1.6	1.6	1.0	.1														119	119	85	11
44/ 43		2.2	1.4	.9	.0														124	124	142	26
42/ 41	.2	2.4	1.8	.4															159	159	111	95
40/ 39	.4	2.5	2.7	.3	.1														166	166	182	157
38/ 37	.6	4.8	1.4	.4															195	197	189	130
36/ 35	.5	5.0	.8	.3															181	185	211	189
34/ 33	1.7	5.6	1.9	.1															257	259	287	213
32/ 31	1.3	5.6	.9	.1															214	223	210	372
30/ 29	.8	4.1	.4																144	145	213	181
28/ 27	1.3	2.6	.2																116	117	160	168
26/ 25	2.6	2.2	.2																137	137	145	182
24/ 23	2.6	3.0	.2																159	161	135	203
22/ 21	2.1	3.2																	146	149	162	123
20/ 19	2.3	2.5	.0																133	133	138	79
18/ 17	2.5	1.1																	97	98	140	164
16/ 15	1.7	.6																	63	63	61	148
14/ 13	1.6	.5																	57	27	58	116
12/ 11	.8	.4																	31	31	27	70
10/ 9	.7	.2																	26	26	29	26
8/ 7	.4	.5																	11	11	16	35
6/ 5	.3																		7	7	7	23
4/ 3	.1																		3	3	3	11
2/ 1																						13
TOTAL	24,452	016.0	5.1	1.6	.9	.1													2737	2762	2737	2737

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	19182093	227187	83.0	10.886	2737	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	3095659	88037	31.9	10.240	2762		331.1					672
Wet Bulb	2717664	82544	30.2	9.134	2737		369.3					672
Dew Point	2236012	74052	27.1	9.207	2737		470.4					672

USAFETAC FORM 0 26-5 (OL A) JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

47.66-72

YEARS

VAR
MONTH

PAGE 1

ALL
HOURS - 5 -

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69								.1	.1	.1								10	10																
68/ 67								.1	.2	.0								11	11																
66/ 65			.0		.0	.0	.1	.1	.0									10	10																
64/ 63		.0		.0	.0	.1	.1	.1	.0									12	12																
62/ 61				.1	.1	.1	.2	.0										14	14		2														
60/ 59		.0	.1	.1	.2	.2	.7	.0										41	41		1														
58/ 57				.1	.2	.2	.4											25	25		13														
56/ 55	.1		.0	.2	.5	.2	.4											41	41		11														
54/ 53	.0	.1	.2	.4	.5	.4	.0											53	53		19														
52/ 51		.1	.5	.8	.6	.2												73	73		26														
50/ 49		.5	.8	1.1	.9	.1	.1											108	108		47														
48/ 47	.3	.7	1.1	.9	1.0	.2	.0											134	135		106														
46/ 45	.2	1.9	1.6	1.6	.6	.1												194	194		115														
44/ 43	.3	3.4	2.1	1.8	.5	.1												256	256		205														
42/ 41	1.0	3.2	3.5	1.5	.6													305	306		262														
40/ 39	.8	3.3	3.3	.9	.2													269	271		298														
38/ 37	.6	4.8	2.6	.7														280	282		335														
36/ 35	.8	6.1	1.9	.4														286	286		345														
34/ 33	1.1	5.4	2.3	.1														278	278		363														
32/ 31	1.1	4.2	1.3															206	208		280														
30/ 29	.8	4.0	.4															163	163		214														
28/ 27	1.1	2.6	.4															126	127		196														
26/ 25	.9	2.0	.1															94	95		105														
24/ 23	.7	.9																51	51		79														
22/ 21	.9	.6																48	49		57														
20/ 19	.2	.4	.0															19	19		21														
18/ 17	.3	.1																11	13		16														
16/ 15	.2	.0																6	7		8														
14/ 13	.1	.1																5	5		5														
12/ 11	.1																	3	3		3														
10/ 9	.0																	1	1		1														
8/ 7		.1																2	2		1														
6/ 5	.0	.0																2	2		4														
2/ 1																																			
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS MAR 1954

PAGE 2 ALL

[illegible]

USAFETAC FORM 0-26.5 (Q1A) REVIS'D PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

ALL

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

ALL
HOURS 7 C. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

ALL
HOLDS - S

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85											.0	.1						3	3																
84/ 82											.2							5	5																
82/ 81											.2							5	5																
78/ 77										.1	.2	.1						12	14																
76/ 75								.1	.4	.5	.6	.1						50	53																
74/ 72						.1	.4	.8	.9	.7	.1							81	89																
72/ 71				.0	.2	.8	1.2	.8	.0									86	95																
70/ 69			.0	.1	.4	.5	1.2	.7	.5									97	106																
68/ 67			.1	.1	.4	1.0	1.1	1.0	.4	.0								117	132	1															
66/ 65			.1	.2	.6	1.8	.7	.7	.1									126	131	10	1														
64/ 63		.1	.2	.5	1.1	1.1	1.0	.3	.2									128	130	24	2														
62/ 61		.2	.6	.9	1.2	1.4	1.0	.3										155	168	66	5														
60/ 59		.4	.6	2.0	2.2	1.6	.6	.1										212	221	131	13														
58/ 57	.0	.5	1.3	2.0	2.5	1.2	.5	.0										225	245	222	36														
56/ 55	.2	1.0	2.0	2.1	2.2	.5	.1	.0										228	242	233	67														
54/ 53	.4	1.1	1.9	2.7	1.8	.2												227	240	279	114														
52/ 51	.5	1.4	2.2	2.1	.5	.2												194	204	295	149														
50/ 49	.4	2.1	4.0	1.7	.4	.1												245	250	338	337														
48/ 47	.3	2.8	2.7	.5	.1	.1												185	186	358	296														
46/ 45	.2	4.2	1.7	.4	.0													183	185	324	311														
44/ 43	.2	2.5	1.4	.0														118	119	247	344														
42/ 41	.0	1.2	.9															64	64	128	461														
40/ 39	.2	.5	.5															33	33	82	282														
38/ 37	.0	.2	.1															10	10	39	165														
36/ 35		.2	.0															7	7	10	93														
34/ 33		.2	.1															7	7	13	64														
32/ 31	.0																	1	1	2	45														
30/ 29																				1	8														
28/ 27																					9														
26/ 25																					1														
24/ 23																					1														
TOTAL	2.5	18.8	20.6	13.4	13.6	10.1	7.6	5.7	3.6	1.9	.3								2945		2804														
																		2804		2804															

Element (X)	Z _x ²	Z _x	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	13408373	187623	66.9	17.455	2804	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	9681109	166633	56.6	9.224	2945		.3	126.8	42.7	3.3		744
Wet Bulb	7100003	140081	50.0	6.029	2804			.3				744
Dew Point	5630024	124574	44.4	5.838	2804			17.0				744

PSYCHROMETRIC SUMMARY

YEARS MONTHS

PAGE 1 ALL
HOURS 12 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87											.1							2	2																
86/ 85										.1	.0	.1						7	7																
84/ 83										.1	.1							7	9																
82/ 81								.1	.4	.7	.1							35	38																
80/ 79							.0	.2	.4	.5	.1							35	37																
78/ 77					.1	.2	.4	.8	1.4	.5	.0							95	98																
76/ 75			.0	.1	.6	1.0	1.2	.6	.0									97	103																
74/ 73				.4	1.0	1.3	1.4	.3	.0									125	134																
72/ 71		.0	.0	.5	1.7	1.7	.8	.4										142	152																
70/ 69		.0	.2	.5	1.5	1.1	1.6	.5	.2									161	171	4															
68/ 67			.4	1.3	1.4	2.1	.9	.1										172	179	26															
66/ 65			.6	1.2	1.0	1.6	1.0	.1										154	163	81	6														
64/ 63	.0	.3	.9	1.6	2.0	1.1	.3											171	182	191	11														
62/ 61	.0	.5	1.2	1.6	1.7	1.0	.3											176	194	277	43														
60/ 59	.1	1.7	1.7	2.7	1.9	.7	.1											248	278	279	127														
58/ 57	.3	1.6	2.2	1.9	1.2	.1	.1											204	223	305	178														
56/ 55	.1	2.3	2.4	1.6	.5													191	210	287	228														
54/ 53	.2	2.6	2.3	1.4	.4	.0												194	216	318	288														
52/ 51	.6	2.6	1.8	.6	.1													163	182	291	368														
50/ 49	2.1	2.1	2.0	.5	.0													186	200	266	542														
48/ 47	.7	1.7	1.1	.1														100	112	191	288														
46/ 45	.4	1.4	.3	.1														58	61	133	259														
44/ 43	.3	.7	.1															31	32	80	185														
42/ 41	.2	.2	.0															12	12	30	136														
40/ 39	.0																	1	1	7	74														
38/ 37																				1	18														
36/ 35																					12														
34/ 33																					4														
TOTAL	5.1	17.8	17.3	15.3	12.9	11.2	9.0	5.1	3.7	2.0	.5	.1						2996		2767															
																		2767		2767															

Element: (X)	Z _x ¹	Z _x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	12971197	190747	68.9	17.237	2767	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	11530372	183742	61.3	9.347	2996			223.5	102.9	17.1		720
Wet Bulb	8444559	151667	54.9	5.963	2767			7.8				720
Dew Point	7043590	138798	50.2	5.419	2767							720

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS ALL S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14831183	205343	68.0	17.008	3021	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	13271910	198424	65.6	9.282	3026			321.6	175.1	68.8		744
Wet Bulb	10437487	176647	58.5	5.991	3021			69.9	3.4			744
Dew Point	8820507	162337	53.7	5.956	3021			18.3	1.7			744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 AMSBACH AAF GERMANY/KATTERBACH 46.6672

YEARS

AUG
MONTH

PAGE 1

ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89												.1						2		2															
88/ 87									.0	.0	.2	.0	.0	.1	.1			13		13															
86/ 85							.0		.1	.4	.2	.0						23		23															
84/ 83							.0	.1	.4	.3	.1							30		30															
82/ 81						.0	.1	.3	.4	.1	.2	.0						38		38															
80/ 79						.0	.3	.7	.2	.1	.0							48		48															
78/ 77					.1	.5	.9	.8	.3	.3								92		92															
76/ 75					.2	.7	.9	.6	.4	.1								98		98															
74/ 73					.7	1.0	.8	.8	.3									113		113		2													
72/ 71				.5	.8	1.0	1.4	.4	.1									131		131		6													
70/ 69			.1	1.1	1.5	1.3	1.6	.3										189		189		32													
68/ 67			.6	1.7	2.0	2.4	1.0	.1										248		248		99													
66/ 65		.1	1.6	2.0	1.7	1.2	.3	.0										219		219	151	15													
64/ 63		.6	2.4	2.4	1.9	.8	.6											266		266	200	48													
62/ 61	.1	1.8	3.0	2.5	1.1	.6												288		288	294	127													
60/ 59	.9	3.5	2.9	3.1	.8	.1												359		359	461	293													
58/ 57	1.0	3.7	2.4	1.4	.4	.1												287		287	506	370													
56/ 55	1.4	2.8	2.6	1.2	.5	.0												272		272	458	428													
54/ 53	.8	3.6	1.4	.3	.1													196		196	356	441													
52/ 51	.8	2.5	.9	.1														130		130	293	411													
50/ 49	.6	1.2	.3															73		73	169	483													
48/ 47	.6	.3	.2															36		36	101	273													
46/ 45	.5	.2	.0															24		24	36	150													
44/ 43		.0																1		1	11	82													
42/ 41																						40													
40/ 39																						6													
38/ 37																						1													
TOTAL	6.620	2.18	6.16	4.11	6.9	9.7	8.1	4.3	2.2	1.4	.9	.1	.1	.1				3176		3176		3176													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	17474207	229445	72.21	16.821	3176	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	12869730	200410	63.11	8.392	3176			240.1	107.1	29.8		744
Wet Bulb	10475674	181664	57.2	5.170	3176			32.6	.5			744
Dew Point	9050887	168821	53.2	4.920	3176			.5				744

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	17474207	229445	72.216	821	3176	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	12869730	200410	63.1	8.392	3176			240.1	107.1	29.8		744
Wet Bulb	10472674	181664	57.2	5.170	3176			32.6	.9			744
Dew Point	9050887	168821	53.2	4.920	3176			.9				744

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

94172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72
STATION STATION NAME

YEARS SEP
MONTH

PAGE 1 ALL

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72
STATION STATION NAME

YEARS

OCT
MONTH

PAGE 1

ALL
HOURS 11.5 T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79																		1	1																
78/ 77																		3	3																
76/ 75																		4	4																
74/ 73																		8	8																
72/ 71																		6	6																
70/ 69																		16	16																
68/ 67																		46	46																
66/ 65																		81	81																
64/ 63																		81	81																
62/ 61																		144	144																
60/ 59																		173	174																
58/ 57																		200	200																
56/ 55																		252	254																
54/ 53																		280	280																
52/ 51																		309	313																
50/ 49																		308	308																
48/ 47																		236	237																
46/ 45																		225	230																
44/ 43																		219	224																
42/ 41																		194	202																
40/ 39																		175	181																
38/ 37																		126	130																
36/ 35																		105	106																
34/ 33																		70	70																
32/ 31																		37	42																
30/ 29																		32	33																
28/ 27																		14	14																
26/ 25																		14	14																
24/ 23																		12	12																
22/ 21																																			
20/ 19																																			
TOTAL	14.1	35.9	21.0	14.3	8.1	4.5	1.6	.3	.1	.0								3371	3414		3371														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															Total														
Rel Hum.	22420407	270381	80.2	14.755	3371	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS

NOV
MONTH

PAGE 1

ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/ 67																																	1	1			
64/ 63																																	3	3			
62/ 61																																	8	8			
60/ 59																																	22	22			
58/ 57																																	28	28		1	
56/ 55																																	28	28		7	
54/ 53																																	48	48	16	2	
52/ 51																																	63	63	27	5	
50/ 49																																	107	107	50	15	
48/ 47																																	127	128	113	34	
46/ 45																																	192	193	147	71	
44/ 43																																	221	229	256	137	
42/ 41																																	283	304	248	271	
40/ 39																																	259	280	285	300	
38/ 37																																	286	298	330	296	
36/ 35																																	235	250	253	288	
34/ 33																																	268	293	276	303	
32/ 31																																	315	332	366	386	
30/ 29																																	275	278	327	376	
28/ 27																																	149	152	177	168	
26/ 25																																	59	60	83	144	
24/ 23																																	28	28	37	120	
22/ 21																																	6	6	21	63	
20/ 19																																	5	5	4	32	
18/ 17																																	2	2	4	19	
16/ 15																																				8	
14/ 13																																				7	
12/ 11																																				2	
10/ 9																																				1	
TOTAL	23.8	49.7	17.9	5.6	2.1	.8	.1																											3146	3028	3028	
																																			3028	3028	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel Hum	22556264	258942	85.5	11.675	3028	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb	4766997	120077	38.2	7.646	3146							720																									
Wet Bulb	4143096	110186	36.4	6.642	3028							720																									
Dew Point	3630894	102950	34.0	6.570	3028							720																									

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-20-5 (OL A)
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

DEC
MONTH

PAGE 1 ALL
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55							.1												2	2															
54/ 53						.2													7	7															
52/ 51					.0	.0													2	2															
50/ 49			.5	.3	.1														30	30															
48/ 47	.1	.5	.2	.1	.0														27	27	23	3													
46/ 45	.0	.8	.2	.1															38	38	38	23													
44/ 43	.1	1.3	.7	.3															79	79	43	35													
42/ 41	.3	2.3	1.2	.3															133	133	73	40													
40/ 39	.2	2.5	1.3	.1															132	142	122	76													
38/ 37	.5	3.7	.9																163	173	160	106													
36/ 35	.9	5.6	.9	.1															240	251	212	143													
34/ 33	2.9	9.2	1.4	.1															436	450	321	275													
32/ 31	6.0	7.2	.7																448	457	508	488													
30/ 29	4.9	6.0	.2																357	363	426	414													
28/ 27	4.0	3.8	.2																254	255	312	300													
26/ 25	2.6	2.5																	164	167	197	272													
24/ 23	2.2	2.4	.0																150	153	136	261													
22/ 21	1.2	2.9	.1																135	136	143	127													
20/ 19	1.0	2.1	.0																100	101	111	99													
18/ 17	.9	1.3																	71	73	95	112													
16/ 15	1.6	.6																	69	69	78	88													
14/ 13	1.1	.8																	62	62	58	116													
12/ 11	.8	.7																	48	48	49	62													
10/ 9	.9	.2																	37	37	46	41													
8/ 7	.7	.1																	26	26	29	51													
6/ 5	.2																		6	6	6	52													
4/ 3	.0																		1	1	1	28													
2/ 1																						2													
0/ 0																						2													
TOTAL	33.1	56.9	8.5	1.1	.3	.1													3217	3288	3217	3217													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	24732369	280553	87.2	9.086	3217	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	744
Dry Bulb	3230206	99372	30.2	8.309	3288		442.1					744
Wet Bulb	2910480	93418	29.0	7.841	3217		507.6					744
Dew Point	2524784	85914	26.7	8.463	3217		581.9					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

PSYCHROMETRIC SUMMARY

YEARS

JAN
4 1954

PAGE 1 0000-0200
HOURS 12.5.

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,71

JAN
MONTH

PAGE 1 0300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																	
44/ 43			1.5															2	2															
42/ 41	.8																	1	1	1	1													
40/ 39	1.6		1.6															4	4	4	4													
38/ 37		.8		.8														2	2	2	2													
36/ 35	3.2	4.8																10	10	8	8													
34/ 33	.8	5.6																8	8	8	11													
32/ 31	9.6	2.4																15	15	17	17													
30/ 29	1.6	.8																3	3	4	8													
28/ 27	1.6	1.6																4	4	3	2													
26/ 25	4.0	1.6																7	7	7	4													
24/ 23	4.8	3.2		.8														11	11	9	9													
22/ 21	3.2	1.6																6	6	8	4													
20/ 19	5.6	1.6																9	9	10	5													
18/ 17	.8																	1	1	2	10													
16/ 15	6.4																	8	8	8	4													
14/ 13	2.4																	3	3	3	8													
12/ 11	1.6																	2	2	2	3													
10/ 9	1.6																	2	2	2	2													
8/ 7	6.4	2.4																11	11	10														
6/ 5	5.6																	7	7	8														
4/ 3	1.6																	2	2	2	8													
2/ 1	1.6	.8																3	3	2	9													
0/ -1	3.2																	4	4	5	1													
-2/ -3																																		
-4/ -5																																		
-6/ -7																																		
TOTAL	68,027.2	4.0	.8															125	125	125	125													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1006371	11167	89.3	8.403	125	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93
Dry Bulb	77922	2760	22.1	11.702	125	3.0	72.9					93
Wet Bulb	74132	2697	21.6	11.339	125	3.7	73.9					93
Dew Point	66409	2423	19.4	12.521	125	6.0	78.9					93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAF ETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/FAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,66272

JAN

PAGE 1 C600-C800

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point	TOTAL
46/45		.3	.2	.3														5	5
44/43	.2	.5	.7															8	8
42/41	.2	.5	.2															5	5
40/39	.9	1.7	.3															17	17
38/37	.5	6.1	.2															39	40
36/35	1.2	7.5																50	50
34/33	1.2	5.0	.2															37	40
32/31	2.4	8.2	.5															64	65
30/29	3.8	4.7																49	51
28/27	6.8	2.8																55	56
26/25	4.3	3.1	.2															44	45
24/23	4.2	2.8	.2															41	42
22/21	1.6	.9																14	14
20/19	2.6	.2	.2															21	24
18/17	2.3	1.7																23	23
16/15	3.5	2.3																33	36
14/13	.7	.3																6	6
12/11	.9	.5																8	9
10/9	1.9	.3																13	13
8/7	.9	1.2																12	13
6/5	2.1	.3																14	14
4/3	1.6	.2																10	10
2/1		.2																1	1
0/0	.7																	4	4
2/0	.5																	3	3
2/0																			
2/0																			
2/0																			
TOTAL	44.852	1.2	.8	.3														576	594

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4512060	50790	88.2	7.638	576	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	964943	15549	26.2	9.883	594	1.1	67.2					93
Wet Bulb	426350	14580	25.3	9.529	576	1.1	69.3					93
Dew Point	571711	13255	23.2	10.389	576	3.3	77.2					93

USAF ETAC FORM 0-26-5 (OL A) JAN 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

47,56=72

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 1 0900-1100
HOURS 5 1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

1200-1400
NOUNS 1, 5, 7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
52/ 31				.2	.3													3	3																
50/ 49			.2	.8	.2													7	7																
48/ 47		.3	.2	.5	.2													7	7																
46/ 45		.5	.2	1.1	.3													12	12	3															
44/ 43		1.3	1.5	.2		.2												19	19	15	4														
42/ 41		1.6	2.1															23	24	10	10														
40/ 39		3.1	2.5															34	35	32	5														
38/ 37	.5	7.5	.7															52	52	53	18														
36/ 35	.7	4.9	.2															35	35	53	52														
34/ 33	1.0	7.4	2.3	.2														66	66	46	71														
32/ 31	1.5	7.7	1.5	.3														67	67	52	60														
30/ 29	3.4	5.7	.3															58	59	92	52														
28/ 27	1.8	3.4		.3														34	36	45	58														
26/ 25	1.8	3.3	.3															33	34	26	46														
24/ 23	2.0	3.6																34	34	37	45														
22/ 21	1.8	2.0																23	23	35	33														
20/ 19	2.1	2.5	.3															30	30	25	26														
18/ 17	.5	1.8																14	14	16	27														
16/ 15	1.0	1.5	.1															16	16	17	17														
14/ 13	1.3	1.6																18	18	20	16														
12/ 11	.3	1.3																10	10	10	17														
10/ 9	.2	1.1																6	8	12	7														
8/ 7	.2	.2																2	2	3	7														
6/ 5	.3	.3																4	4	5	17														
4/ 3																					12														
2/ 1																					7														
0/ -1																					1														
-2/ -3																					1														
-4/ -5																					2														
TOTAL	20.3	22.7	12.2	3.6	1.0	.2													611	617	611														
																			611	611															

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTY

PAGE 1 1500-1700
HOURS 1-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
54/ 53					.5													3	3																
52/ 51				.2	.5													4	4																
50/ 49			.4		.5													4	4																
48/ 47		.2	1.0		.2													10	10	1															
46/ 45		.7	.5	.2	.3													10	10	8															
44/ 43		.7	1.0	.3	.2													13	13	15	1														
42/ 41		2.0	2.2															25	25	9	8														
40/ 39		2.9	2.5		.2													39	41	28	10														
38/ 37	.3	7.4	.5															49	50	47	24														
36/ 35	2.0	4.4	1.7															48	48	61	53														
34/ 33	2.5	5.5	2.2															61	62	54	69														
32/ 31	2.0	7.4	.2		.2													59	59	64	58														
30/ 29	2.5	6.2	.5		.2													56	56	70	46														
28/ 27	2.5	3.0	.7		.2													37	40	42	63														
26/ 25	1.5	3.2	.2															28	30	33	38														
24/ 23	3.9	3.2	.2															43	43	43	55														
22/ 21	.8	1.8	.2															17	17	23	37														
20/ 19	1.7	3.4	.2															31	31	24	19														
18/ 17	.8	2.0	.2															18	18	25	20														
16/ 15	.5	1.5	.2															12	12	11	18														
14/ 13	.7	1.2																11	11	18	16														
12/ 11	.5	.7																6	6	5	13														
10/ 9	.5	1.5																12	12	9	8														
8/ 7		.2																1	1	7	17														
6/ 5																					8														
4/ 3																					4														
2/ 1																					8														
0/ -1																					4														
TOTAL	22.160	0.014	.2	1.3	2.3													597	606	597	597														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of hours with Temperature						
Rel. Hum.	4209735	49699	82.2	11.021	397	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	616644	18564	30.6	8.934	606		51.6					93
Wet Bulb	546385	17375	29.1	8.264	597		58.3					93
Dew Point	453132	15498	26.0	9.233	597	.6	67.0					93

PSYCHROMETRIC SUMMARY

YEARS

444

PAGE 1 1800-2000
HOURS 10:00-11:00

[illegible]

34172-
STATION

ANSBACH AAF GERMANY/KATTERBACH 47
STATION NAME

YEARS

JAN
1974

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 39	1.1																	1	1	1	1														
38/ 37	2.2	3.2																5	5	3	1														
36/ 35	4.3	4.3																8	8	7	5														
34/ 33	5.4	3.2																8	8	9	10														
32/ 31	5.4	2.2																7	7	8	10														
30/ 29	1.1																	1	1	2	3														
28/ 27	1.1	4.3																5	5	2															
26/ 25	12.9	3.2																15	15	17	2														
24/ 23	1.1																	1	1	2	17														
22/ 21																					2														
20/ 19	3.2																	3	3	3															
18/ 17	2.2																	2	2	2	3														
16/ 15	5.4	1.1																6	6	6	2														
14/ 13	2.2	1.1																3	3	2	3														
12/ 11	6.5	3.2																9	9	8	4														
10/ 9	4.3	1.1																5	5	6	3														
8/ 7	5.4																	5	5	6	4														
6/ 5	4.3																	4	4	4	6														
4/ 3	3.2																	3	3	3	11														
2/ 1	1.1																	1	1	1	3														
0/ 0	1.1																	1	1	1	1														
-2/ -3																					1														
-4/ -5																					1														
TOTAL	73.1	26.9																93	93	93	93														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	760158	2382	90.1	7.145	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	55405	2022	21.8	11.131	93	1.0	71.0					93
Wet Bulb	33917	1992	21.5	10.995	93	1.0	73.0					93
Dew Point	48547	1735	19.3	12.292	93	3.0	76.0					93

47

PSYCHROMETRIC SUMMARY

FEA

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12-13	14-15	16-17	18-19	20	21	22-23	24	25	26-27	28-29	30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point									
38/ 37	2.5																					2	2	2	2									
36/ 35	4.9																					4	4	4	4									
32/ 31		2.5																				2	2											
30/ 29	1.2																					1	1	3	3									
26/ 25	7.4																					6	6	6	3									
24/ 23	7.4																					6	6	6	8									
22/ 21	6.2	2.5																				7	7	5	2									
20/ 19	14.8	3.7																				15	15	14	3									
18/ 17	8.6	3.7																				10	10	12	13									
16/ 15	12.3	3.7																				13	13	13	10									
14/ 13	4.9	1.2																				5	5	6	11									
12/ 11	2.5																					2	2	2	10									
10/ 9	1.2	3.7																				4	4	1	2									
8/ 7	2.5																					2	2	5	2									
6/ 5	2.5																					2	2	2	3									
4/ 3																									3									
2/ 1																									2									
TOTAL	79.0	21.0																				81	81		81									
																						81			81									

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	662137	7305	90.2	6.456	81							
Dry Bulb	34585	1573	19.4	7.104	81		77.8					84
Wet Bulb	33998	1556	19.2	7.165	81		77.8					84
Dew Point	28919	1375	17.0	8.350	81		77.8					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

36172 ANSBACH AAF GERMANY/KATTERBACH 47.71

YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS T.C.S.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
44/ 43				1.0														1	1																
38/ 37	2.0																	2	2	4	3														
36/ 35		3.0																3	3																
34/ 33	1.0	9.0																10	10	4	5														
32/ 31		2.0																2	2	9	4														
30/ 29	1.0	1.0																2	2	3	7														
28/ 27	2.0																	2	2	3	3														
26/ 25	9.0																	9	9	9	5														
24/ 23	7.0																	7	7	7	7														
22/ 21	4.0	1.0																5	5	5	5														
20/ 19	9.0	5.0	1.0															15	15	9	4														
18/ 17	10.0	3.0																13	12	19	5														
16/ 15	5.0	1.0																6	6	5	13														
14/ 13	8.0	2.0																10	10	11	10														
12/ 11	1.0	1.0																2	2	1	11														
10/ 9	3.0	2.0																5	5	4	2														
8/ 7	4.0																	4	4	6	5														
6/ 5	1.0																	1	1	1	4														
4/ 3																					4														
2/ 1																					3														
TOTAL	68.0	30.0	1.0	1.0														100	100	100	100														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	786291	8827	98.3	8.487	100							
Dry Bulb	51924	2120	21.2	8.397	100		69.7					84
Wet Bulb	49297	2071	20.7	8.044	100		77.3					84
Dew Point	41296	1818	18.2	9.126	100		77.3					84

FORM 0-26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72.

YEARS

FEB

PAGE 1 0600-0800

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
52/ 51				.5																								3	3							
50/ 49		.2	.5	.4																								6	6							
48/ 47			.5																									3	3	4						
46/ 45			1.6		.5																							12	12	5	4					
44/ 43			1.4	.7																								12	12	15	1					
42/ 41	.2	6.0	.9																									40	40	11	15					
40/ 39	.4	3.2	1.6																									29	29	39	26					
38/ 37	.5	6.6	1.6																									49	49	34	23					
36/ 35	.4	5.0	.4																									32	32	49	27					
34/ 33	1.2	8.2	2.0																									64	64	54	45					
32/ 31	2.7	6.9	.4																									56	57	58	85					
30/ 29	1.2	6.0																										41	41	56	41					
28/ 27	1.4	2.8																										24	24	41	39					
26/ 25	2.3	1.6																										22	22	25	49					
24/ 23	3.0	2.0																										28	29	20	41					
22/ 21	2.0	3.7																										32	33	34	13					
20/ 19	.9	3.4																										24	24	21	14					
18/ 17	2.7	2.3																										28	28	38	26					
16/ 15	2.3	.5																										16	16	16	29					
14/ 13	1.4	.4																										10	10	10	36					
12/ 11	1.1	1.1																										12	12	7	11					
10/ 9	2.0	.2																										12	12	18	6					
8/ 7	.2																											1	1	1	14					
6/ 5	.3																											3	3	3	8					
4/ 3	.5																											3	3	3	2					
2/ 1																																7				
TOTAL	26.9	63.2	9.1	.9																								362	365	362	362					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4202183	48423	26.2	7.308	562	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	354494	16834	29.8	9.688	565		46.8				84
Wet Bulb	506691	16085	28.6	9.087	562		52.5				84
Dew Point	434041	14677	26.1	9.310	562		62.9				84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

505, 12

PAGE 1 C900-1100
HOURS 10-5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55								.2										1	1																
52/ 51			.2	.2	.2													3	2																
50/ 49			.5	1.1	.4													11	11																
48/ 47			.9	.5														2	8	1															
46/ 45		1.4	.9	.7														17	17	8															
44/ 43		3.6	1.4	.5														31	31	24	2														
42/ 41	.4	4.4	1.6	.4														38	38	31	19														
40/ 39	.2	2.6	2.5		.2													36	26	40	32														
38/ 37	.5	5.5	1.6	.2														44	44	37	31														
36/ 35	.4	8.4	.5	.2														53	53	51	28														
34/ 33	2.7	3.6	2.7															50	51	74	52														
32/ 31	.5	6.0	1.1															43	46	36	79														
30/ 29	.7	3.9																26	27	44	31														
28/ 27	1.2	3.0	.5															27	27	32	38														
26/ 25	1.8	2.3																23	23	22	93														
24/ 23	2.0	4.8	.4															40	40	30	44														
22/ 21	1.6	4.3																33	35	40	17														
20/ 19	.7	3.6																24	24	25	15														
18/ 17	1.8	.4																12	13	25	35														
16/ 15	1.4	1.2																15	15	13	41														
14/ 13	.7	.5																7	7	7	18														
12/ 11	1.4	.5																11	11	12	10														
10/ 9	.7																	4	4	5	9														
8/ 7	.5	.2																4	4	4	8														
6/ 5	.2																	1	1	1	7														
4/ 3																					2														
2/ 1																					1														
TOTAL	19.46	1.2	14.8	3.7	.7		.2											362	370	562	562														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3958412	46882	13.4	9.203	562	≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	620467	17991	31.6	9.616	570		40.8					84
Wet Bulb	549606	16866	29.0	8.800	562		44.2					84
Dew Point	457557	15189	27.0	9.158	562		58.0					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.06=72

YEARS

FEB
MONTH

PAGE 1 1200=1400
HOURS L S.

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL		TOTAL			
(F)		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
56/	55							.5											3		3																		
54/	53					.2	1.6	.9	.2										16		15																		
52/	51					.5	.7	.2											8		8																		
50/	49			.2	.9	.9													11		11																		
48/	47			.9	2.2	1.1	.4												25		25		6																
46/	45			1.4	3.1	1.4	.2												34		34		33	1															
44/	43			3.1	1.1	1.3													30		30		34	5															
42/	41		.2	2.3	2.7	.5													32		32		30	30															
40/	39		.4	2.9	3.4	.5	.2												41		41		34	38															
38/	37		.2	4.6	2.2	.7													44		44		48	30															
36/	35		.4	5.2	1.3	.5													41		43		46	43															
34/	33		1.3	6.6	2.2														56		57		70	49															
32/	31		.9	6.3	1.6	.2													50		52		46	93															
30/	29		.4	3.1	.9														24		24		37	32															
28/	27		.5	3.2	.2														22		22		28	41															
26/	25		2.7	3.2	.4														35		35		43	35															
24/	23		1.1	3.1	.4														25		26		24	41															
22/	21		1.4	3.8															29		29		30	32															
20/	19		1.3	.9															12		12		20	14															
18/	17		.7	.4															6		6		10	33															
16/	15		.7	.2															5		5		5	12															
14/	13		.9	.4															7		7		7	16															
12/	11		.2																1		1		1	8															
10/	9																							3															
8/	7																							1															
TOTAL		13.1	51.9	22.3	7.9	3.1	1.6	.2												357		364		557															

Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3654005	44627	80.111	880	557	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	736610	19706	34.9	9,242	554		32.6					64
Wet Bulb	620682	18207	32.7	7,995	557		37.9					84
Dew Point	508314	16232	29.1	7,966	557		54.4					84

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 35									.4	1.6																									11	11		
54/ 33								.2	.7		.7		.2																					10	10			
52/ 31					.2	.5	.4																											6	6			
50/ 49			.4	1.3	.9	.2																												15	15			
48/ 47			1.1	2.9	.4	.5																												27	27	10		
46/ 45			1.8	3.3	2.2	.4																												42	42	31	3	
44/ 43			1.8	2.5	2.2	.2																												37	37	44	14	
42/ 41	.2	2.9	2.0	.9																														33	33	26	18	
40/ 39	.7	2.0	4.5	.7	.4																													46	46	54	47	
38/ 37	.4	4.3	1.1	.5																														35	36	41	28	
36/ 35	.2	4.5	1.9	.5																														36	38	45	51	
34/ 33	1.6	6.2	2.2	.7																														59	59	53	40	
32/ 31	.9	4.7	.9	.2																														37	40	45	84	
30/ 29	.5	5.1	.7																															35	35	49	49	
28/ 27	2.0	2.7	.7																															30	31	42	35	
26/ 25	.9	2.7	.4																															22	22	18	37	
24/ 23	1.6	4.0	.2																															32	32	28	41	
22/ 21	.7	2.0																																15	15	23	28	
20/ 19	1.4	.9																																13	13	20	19	
18/ 17	.4																																	2	2	4	28	
16/ 15	.2																																	1	1	1	12	
14/ 13	.9	.5																																8	8	8	9	
12/ 11																																					5	
10/ 9																																					4	
TOTAL	12.7	47.6	24.1	10.0	3.1	2.4	.2																											552	559	552	552	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3546703	43675	79.1	12.857	552	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	766583	20067	35.9	9.101	559		29.9					84
Wet Bulb	651107	18467	33.5	7.774	552		36.2					84
Dew Point	520138	16398	29.7	7.740	552		53.4					84

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3546703	43675	79.1	12.857	552	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Dry Bulb	766583	20067	35.9	9.101	559		29.9				84
Wet Bulb	651107	18467	33.3	7.774	552		36.2				84
Dew Point	520138	16398	29.7	7.740	552		33.4				86

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,56=72

YEARS

FEB
MON

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
34/ 53				.4	1.2	.4													5	5															
32/ 51				.4	.4	.8													5	5															
30/ 49		1.2		1.6															7	7															
28/ 47		.8	2.1		.4														8	8	5														
26/ 45		4.1	1.6																14	14	8	3													
24/ 43		2.1	2.9	.4															13	13	25	4													
22/ 41		2.1	3.7	.8															16	16	8	13													
20/ 39	.8	1.6	3.3																14	14	15	14													
38/ 37	.4	5.3	.4	.6															17	17	22	12													
36/ 35	.4	2.5	.8	.4															10	10	14	24													
34/ 33	2.1	2.9	1.2																15	15	19	19													
22/ 31	2.1	3.8	.8																21	21	14	25													
30/ 29	1.2	3.7	.4																13	13	18	15													
28/ 27	1.2	2.5	.4																10	10	13	11													
26/ 25	2.1	1.6	.4																10	10	12	16													
24/ 23	4.5	1.6	.4																16	16	16	15													
22/ 21	3.3	2.1																	13	13	15	17													
20/ 19	4.9	2.9																	19	19	18	6													
18/ 17	3.3	.8																	10	10	14	16													
16/ 15	.8																		2	2	2	18													
14/ 13	2.1																		5	5	5	6													
12/ 11																						7													
10/ 9																						2													
TOTAL	29.243.618.5	5.3	2.1	1.2																243	243	243													

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	Total
Rel. Hum.	1709971	20189	82.11	11.610	246							
Dry Bulb	291532	8037	32.11	10.309	243		41.1					84
Wet Bulb	257580	7602	31.3	9.036	243		43.9					84
Dew Point	212558	6852	28.2	8.942	243		53.2					84

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

84172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS FEB

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Wet Bulb	Dew Point															
38/ 37	1.3																														1	1	1	1
36/ 35	2.5																															2	2	2
34/ 33	3.8																															3	3	3
32/ 31	2.5	1.3																														3	2	2
30/ 29	2.5																															2	3	3
28/ 27	1.3																															1	1	1
26/ 25	8.8	3.8																														10	10	4
24/ 23	5.0	1.3																														5	4	6
22/ 21	11.3	3.8																														12	10	9
20/ 19	8.8	5.0																														11	11	4
18/ 17	15.0	5.0																														16	18	5
16/ 15	5.0	1.3																														5	6	13
14/ 13	5.0	1.3																														5	4	10
12/ 11	3.8																															3	4	8
10/ 9	1.3																															1	1	
8/ 7																																		5
6/ 5																																		1
TOTAL	77.522.5																																80	80

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	662391	7259	90.7	6.869	80	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	39462	1709	21.4	5.113	80		77.7					84
Wet Bulb	38702	1690	21.1	6.163	80		77.7					84
Dew Point	23189	1521	19.0	7.353	80		77.7					84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS

MAR

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/ 47		3.3																																		
46/ 45	2.2	3.3	3.3																																	
44/ 43		6.7																																		
42/ 41	6.7	5.6																																		
40/ 39	5.6	7.8																																		
38/ 37	2.2	2.2	1.1																																	
36/ 35	2.2	1.1																																		
34/ 33	2.2	2.2																																		
32/ 31		2.2	1.1																																	
30/ 29	4.4																																			
28/ 27	2.2	3.3																																		
26/ 25	1.1	5.6																																		
24/ 23	5.6																																			
22/ 21	1.1																																			
20/ 19	2.2																																			
18/ 17																																				
16/ 15	3.3																																			
14/ 13																																				
12/ 11																																				
TOTAL	41.15	2.2	2.2																																	

Element (X)	Z _X ¹	Z _X	X	X ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	756710	2288	92.1	6.253	90	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	118817	3187	35.4	8.183	90		30.0					93
Wet Bulb	113493	3117	34.6	7.890	90		32.0					93
Dew Point	106113	2997	33.3	8.423	90		35.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.71

YEARS

MAR

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
46/ 45		.8	3.9	1.0																													8	8	2	1
44/ 43	2.4	4.7																															9	9	9	5
42/ 41	3.9	3.9	1.0	.6																													13	14	12	11
40/ 39	2.4	2.4	.8																														7	7	9	11
38/ 37	3.1	3.1																															8	8	9	9
36/ 35	5.5	1.8	2.4																														25	25	19	11
34/ 33	2.4	3.1																															7	7	14	18
32/ 31	3.9	.8	1.0																														8	8	8	13
30/ 29	3.1	6.3																															12	12	6	7
28/ 27	3.1	2.4																															7	7	12	8
26/ 25	2.4	1.0																															5	5	4	9
24/ 23	3.1																																4	4	6	12
22/ 21	4.7																																6	6	6	9
20/ 19	.8	.8																															2	2	2	1
18/ 17																																		1	1	1
16/ 15																																		1	1	1
14/ 13	.8	.8																															2	2	2	1
12/ 11	.8																																1	1	1	1
10/ 9																																			1	1
8/ 7		.8																															1	1	1	1
6/ 5	.8	.8																															2	2	3	1
2/ 1																																			1	1
0/ -1																																			2	2
TOTAL	44.1	47.2	7.9	.8																													127	130	127	127

Element (Y)	Z _X ¹	Z _X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1057216	11540	90.9	8.272	127	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	153908	5326	33.3	8.783	130		37.2					93
Wet Bulb	143479	4137	32.6	8.318	127		38.8					93
Dew Point	132581	3941	31.0	9.035	127	1.5	44.7					93

USAFETAC FORM 1 JUL 64 10-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/ANTERBACH 47.66-72

STATION NAME YEARS MAR

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57																																		1	1		
52/ 51																																		1	1		
50/ 49																																		6	6	1	
48/ 47																																		9	9	2	1
46/ 45																																		21	21	5	2
44/ 43																																		36	36	24	6
42/ 41																																		44	44	39	20
40/ 39																																		55	57	44	36
38/ 37																																		71	72	61	34
36/ 35																																		69	69	87	62
34/ 33																																		77	77	74	72
32/ 31																																		63	63	79	96
30/ 29																																		38	38	43	56
28/ 27																																		50	50	58	50
26/ 25																																		39	39	38	53
24/ 23																																		14	14	34	52
22/ 21																																		28	28	26	29
20/ 19																																		8	8	11	33
18/ 17																																		4	4	7	15
16/ 15																																		2	2	2	12
14/ 13																																		3	3	3	5
12/ 11																																		2	2	2	2
10/ 9																																		1	1	1	1
8/ 7																																		1	1		
6/ 5																																				1	3
2/ 1																																					1
TOTAL	16.6	62.8	17.3	3.0																														643	648	643	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4655273	54407	84.6	8.971	643	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	779104	21976	33.9	7.230	648		36.6					93
Wet Bulb	699246	20766	32.2	6.674	643		46.4					93
Dew Point	596442	19052	29.6	7.033	643		59.3					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

47,66-72

YEARS

MAR
MAY

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB. W.B	Dry Bulb	Wet Bulb	Dew Point															
64/ 63							.2										1	1																	
62/ 61							.2										1	1																	
60/ 59						.5	.3										5	5																	
58/ 57						.2	.2	.2									6	6																	
56/ 55			.2	.2	.3	.3	.2										7	7																	
54/ 53					.5	.5	.3										9	9	1																
52/ 51		.2	.2	.5	.6	.2											10	10	6																
50/ 49		.5	1.4	1.1	.4												25	25	8	1															
48/ 47		.9	1.2	.6	.6												22	22	14	2															
46/ 45	.2	1.4	1.2	.8	.2												25	25	25	7															
44/ 43		3.0	1.9	1.7													42	42	37	15															
42/ 41	.2	3.0	4.4	1.6	.2												59	59	40	34															
40/ 39	.5	4.5	5.1	.9													71	71	47	39															
38/ 37	.5	5.4	3.1	.8													63	63	76	35															
36/ 35	.5	5.6	2.5	.3													57	57	82	59															
34/ 33	2.0	6.1	3.3	.2													74	74	76	72															
32/ 31	.3	4.0	2.3														43	43	55	102															
30/ 29	1.4	5.0	.6														45	45	64	57															
28/ 27	.6	3.1	.9														30	30	49	50															
26/ 25	1.1	2.2															21	21	30	47															
24/ 23	.6	1.2															12	12	12	61															
22/ 21	.5	.8															8	9	12	28															
20/ 19		.6															4	4	3	12															
18/ 17	.3	.2															3	4	5	7															
16/ 15																			1	11															
14/ 13																				3															
10/ 9																				1															
TOTAL	8.547	9.528	29.0	4.5	1.7	.3											643		643	643															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4041546	50278	78.212	133	643	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	952373	26205	37.5	8.078	643		24.2					93
Wet Bulb	812325	22441	34.9	6.735	643		33.4					93
Dew Point	651852	20004	31.1	6.781	643		54.8					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-72

YEARS MAR MONTH

PAGE 1 1200-1400 HOURS - L S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69										.2																					1	1				
68/ 67										.2	.2	.3																			3	3				
66/ 65								.2		.2	.3																				4	4				
64/ 63		.2								.3	.2																				4	4				
62/ 61				.3		.2				.2	.2																				5	5				
60/ 59			.2	.5	.3	.5	1.1	.2																						18	18					
58/ 57				.3		.3	.6																								8	6				
56/ 55	.3			.5	.6	.2	.6																								14	14				
54/ 53		.2		.8	.8	.8																									16	16				
52/ 51		.2	.9	1.6	1.4	.5																									29	29				
50/ 49		.6	.9	1.9	1.4	.2																									32	32				
48/ 47		1.1	.5	.9	2.2	.5																									33	33				
46/ 45		2.0	2.0	2.8	.9	.2																									51	51				
44/ 43	.3	2.7	3.0	2.0	.8	.2																									57	57				
42/ 41	.2	2.7	3.6	3.0	.8																										65	65				
40/ 39	.3	2.3	3.6	1.4	.2																										51	51				
38/ 37	.2	3.6	2.3	.3																											44	44				
36/ 35	.6	5.9	1.4	.8																											56	56				
34/ 33	.3	6.4	2.3																												58	58				
32/ 31	.3	3.9	1.2																												33	33				
30/ 29	.2	3.3	.5																												23	23				
28/ 27	1.1	1.4	.2																												19	19				
26/ 25	.5	.2																													4	3				
24/ 23		.6																													4	4				
22/ 21		.2																													1	1				
20/ 19			.2																												1	1				
18/ 17		.2																													1	1				
16/ 15																																				
14/ 13																																				
12/ 9																																				
TOTAL	4.2	37.4	23.2	17.5	9.7	3.3	3.6	.9	.2																						641	642				

Element (X)	Z _X ²	Z _X	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3492429	46337	72.2	15,162	641	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1170084	26796	41.7	8,978	642		13.2	.9				93
Wet Bulb	948915	24249	37.8	7,024	641		21.3					93
Dew Point	721544	21036	32.8	6,982	641		48.2					93

FORM 0-26.5 (OL A) JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47,6672

YEARS MAR MONTH

PAGE 1 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31																				
70/ 69							.5	.3	.3									7	7																		
68/ 67								.6										4	4																		
66/ 65			.2		.2		.2	.3	.2									6	6																		
64/ 63				.2	.2	.2	.2	.2	.2									6	6																		
62/ 61					.2	.3	.8											8	8																		
60/ 59	.2				.2		1.6											13	13																		
58/ 57					.3	.2	.5											6	6																		
56/ 55				.2	1.4		.6											13	13																		
54/ 53	.2	.3	.6	.5	1.0	.6	.2											23	23																		
52/ 51			1.0	1.1	1.6													24	24																		
50/ 49		.8	.6	1.8	1.8	.2	.3											34	34																		
48/ 47		.5	1.8	1.3	1.8	.2	.2											35	36																		
46/ 45	.3	1.0	2.9	2.9	1.6	.3												56	56																		
44/ 43	.2	2.7	3.2	3.1	1.4	.2												67	67																		
42/ 41	.3	2.3	4.0	2.3	1.4													64	64																		
40/ 39	.2	1.9	2.4	1.1	.3													37	37																		
38/ 37	.2	3.7	3.9	1.4														57	57																		
36/ 35		.6	1.6	.3														52	52																		
34/ 33	.3	3.1	2.6	.2														38	38																		
32/ 31	1.0	2.6	1.3															30	30																		
30/ 29		2.3	.5															17	17																		
28/ 27	.6	.5																7	8																		
26/ 25	.8	.5																8	8																		
24/ 23	.2	.6																5	5																		
22/ 21																																					
20/ 19		.2																1	1																		
18/ 17	.2																	1	1																		
16/ 15		.2																1	1																		
14/ 13																																					
TOTAL	4.329	6.26	7.16	2.13	5	2.3	5.3	1.4	.6									622	624																		

Element (X)	Z _x	Z _x	X	* _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3223581	43635	70.216	175	622	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1194677	26689	42.8	9.238	624		10.6	1.6				93
Wet Bulb	947506	23884	38.4	6.996	622		17.9					93
Dew Point	703333	20479	32.9	6.842	622		46.9					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66=72

YEARS

YEAR
MONTH

PAGE 1 1900=2000
HOURS L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69								.4																									2	2	
68/ 67									.4																								2	2	
64/ 63								.4																									1	1	
60/ 59						.4		.4																									5	5	
58/ 57				.4																													4	4	
56/ 55						.7		.7																									5	5	
54/ 53				.4	.4	.7		.4																									5	5	
52/ 51				.7	1.4	.7		.4																									9	9	
50/ 49			.4	1.8	1.4	.4																											11	11	
48/ 47	1.8	1.4	1.8	2.5	.4	.7																											24	24	
46/ 45		2.2	.7	2.2	.7	.4																											17	17	
44/ 43	.4	4.3	1.1	3.2	1.1																												28	28	
42/ 41	1.4	4.3	5.8	.7	1.4																												38	38	
40/ 39	.4	2.9	3.2	.7	.7																												22	22	
38/ 37	.4	2.2	3.2	1.1																													19	20	
36/ 35	.4	3.6	2.9	.4																													20	20	
34/ 33	.4	4.3	2.5																														20	20	
32/ 31	1.1	4.7	1.1																														19	19	
30/ 29		4.0	.4																														12	12	
28/ 27		1.4	.4																														5	5	
26/ 25	.7	.7	.4																														5	5	
24/ 23	1.1	.4																															4	4	
22/ 21	.4																																1	1	
20/ 19																																			
18/ 17																																			
16/ 15																																			
TOTAL	8,336	726	314	4	7.2	2.9	3.2	.4	.7																								278	279	
																																		278	278

Element (X)	Z _x ²	Z _x	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1631801	20847	75.0	15.726	278	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 86 F	
Dry Bulb	492282	1472	41.1	8.603	279		15.3	1.3				93
Wet Bulb	406877	10465	37.6	6.833	278		22.4					93
Dew Point	318280	9210	33.1	6.892	278		47.8					93

FORM 0-26-5 (OL A) JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47

YEARS

MAR
MONTH

PAGE 1 2100-2300
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
48/ 47	3.2		4.3	1.1														8	3	3	3																
46/ 45		4.2	4.3															8	8	1																	
44/ 43	1.1	10.8																11	11	12	1																
42/ 41	3.2	8.6																11	11	18	15																
40/ 39	5.4	6.5	3.2															14	14	12	21																
38/ 37		3.2	1.1															4	4	4	8																
36/ 35		4.3																4	4	8	3																
34/ 33																				2	4																
32/ 31	3.2	2.2																5	5	3	7																
30/ 29	4.3	6.5																10	10	8	3																
28/ 27	1.1	2.2																3	3	6	6																
26/ 25		5.4	1.1															6	6	2	4																
24/ 23	2.2	1.1																3	3	7	2																
22/ 21	2.2	1.1																3	3	3	8																
20/ 19		1.1																1	1	2	2																
18/ 17	2.2																	2	2	2	1																
16/ 15																					4																
14/ 13																					1																
TOTAL	28.0	57.0	14.0	1.1															93	93		93															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	727536	8190	86.1	8.267	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	131223	3409	36.7	8.251	93		33.0					93
Wet Bulb	122391	3293	35.4	7.933	93		33.0					93
Dew Point	110213	3103	33.4	8.584	93		38.0					93

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	DB, WB	Dry Bulb	Wet Bulb	Dew Point													
58/ 57			1.1																1	1															
56/ 55			2.2																2	2															
54/ 53	1.1																		1	1	2	1													
52/ 51	2.2		1.1		2.2														5	5	4	2													
50/ 49		11.1	2.2	2.2															14	14	2	3													
48/ 47	1.1	10.0	1.1	1.1															12	12	12	8													
46/ 45		2.2	3.3	1.1															6	6	10	11													
44/ 43		7.8	3.3																10	10	8	3													
42/ 41	2.2	7.8	2.2																11	11	12	8													
40/ 39	5.6	5.6	3.3																13	13	16	13													
38/ 37	1.1	3.3																	4	4	10	14													
36/ 35	3.3	1.1																	4	4	7	12													
34/ 33	1.1	3.3																	4	4	2	9													
32/ 31	1.1	2.2																	3	3	3	3													
30/ 29																					2	3													
TOTAL	18.9	54.4	20.0	4.4	2.2															90	90	90													
																			90		90														

Element (X)	Z _X ²	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	693312	7838	87.1	10.969	90	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	175902	3944	43.8	5.870	90		3.0					90
Wet Bulb	161186	3778	42.0	5.399	90							90
Dew Point	166996	3602	40.0	5.645	90		5.0					90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH

47

YEARS

APR
MONTH

PAGE 1 0300-0300
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB W.B. Dry Bulb	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Wet Bulb	Dew Point															
56/ 51			1.1																													1	1	
54/ 53	1.1	1.1	2.2	1.1																												5	5	
52/ 51	1.1		1.1																													2	4	
50/ 49	1.1	4.4	1.1	1.1																												7	3	
48/ 47		1.1	2.2	2.2																												5	7	
46/ 45		1.1	4.4																													14	2	
44/ 43	3.3	6.7	1.1																													10	17	
42/ 41	2.2	6.7																														8	13	
40/ 39	5.6	1.1	1.1																													7	10	
38/ 37	3.3	8.9																														11	6	
36/ 35	1.1	4.4																														5	11	
34/ 33	5.6	3.3																														8	6	
32/ 31	1.1	4.4																														5	5	
30/ 29	2.2																															2	4	
28/ 27																																		
26/ 25																																		
TOTAL	27,853	3,144	4.4																														90	
																																	90	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	727639	8047	89.4	9.568	90	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	90
Dry Bulb	162021	3777	42.0	6.283	90		7.0					90
Wet Bulb	150779	3647	40.5	5.800	90		10.0					90
Dew Point	139338	3502	38.9	5.874	90		12.0					90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0600-0800

0500-0800
HOURS

HOURS 10, 5, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
66/ 65										.2								1		1														
64/ 63						.2		.2										2		2														
62/ 61					.2		.2			.2								2		2														
60/ 59				.2	.2	.4												4		4														
58/ 57			.5	.2														4		4														
56/ 55			.4	.4	.4													6		6	4													
54/ 53		.4	.5	.5	.2													9		9														
52/ 51	.2	.9	1.1	.7														16	16	9	4													
50/ 49		3.3	3.7	1.8	.4													32	32	13	12													
48/ 47	.4	3.7	3.2	1.1														47	47	46	22													
46/ 45	.2	6.7	2.5	.7														57	57	39	28													
44/ 43	.4	5.6	2.8	.2	.2													52	52	72	39													
42/ 41	.4	5.1	4.0	.4	.2													37	37	50	57													
40/ 39	2.1	6.1	3.2															65	66	69	73													
38/ 37	.4	3.9	1.4	.2														33	33	37	47													
36/ 35	.5	2.8	2.1															31	31	46	57													
34/ 33	.9	6.1	1.2															47	47	35	50													
32/ 31	.7	6.2	.9															45	45	50	48													
30/ 29	.5	3.0	.4															22	22	39	38													
28/ 27	.4	1.8																12	12	18	30													
26/ 25	.4	.5																5	5	13	31													
24/ 23	.4																	2	2	3	16													
22/ 21																					16													
20/ 19																					2													
18/ 17																					2													
TOTAL	7.556	9.027	6.6	6.2	1.8	.3												371	372	371	371													

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3921380	46964	82.2	10.144	571	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1001504	23554	41.2	7.438	572		13.5					90
Wet Bulb	888624	22196	38.9	6.730	571		19.4					90
Dew Point	768682	20552	36.0	7.127	571		28.7					90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

47.66-79.72

YEARS

APR

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	> 31	DB, W.B.	Dry Bulb	Wet Bulb	Dew Point													
78/ 77														.2																			1	1	
76/ 75														.2																			1	1	
72/ 71														.4																			5	5	
68/ 67														.5																			7	7	
66/ 65														.7																			5	5	
64/ 63					.2		.5							.7		.2																	9	9	
62/ 61					.2		.4							.9																			9	9	
60/ 59				.2	1.2		1.1							.9		.4																	21	21	
58/ 57				.2	.4		.9							.5		.4																	13	13	
56/ 55		.2	.9	1.4	1.6																												23	23	
54/ 53		.4	1.6	1.9	2.1									.7		.2																	39	39	
52/ 51		1.2	1.6	1.8	.9									.7																			35	35	
50/ 49		2.6	5.1	3.0	1.8									.2																			72	72	
48/ 47		2.8	4.0	1.9	.7									.2																			55	55	
46/ 45	.2	2.6	2.9	1.4	.2																												39	39	
44/ 43		1.9	2.5	.7	.2																												30	30	
42/ 41	.4	3.9	3.5	1.4	.4																												54	54	
40/ 39	.2	2.8	3.3	.4	.2																												39	39	
38/ 37	.2	3.9	1.9	.5																													37	37	
36/ 35		3.0	2.1																														29	29	
34/ 33	.4	2.8	1.2																														25	25	
32/ 31	.4	2.1	.2																														15	15	
30/ 29		.5																															3	3	
28/ 27	.4																																2	2	
26/ 25		.2																															1	1	
24/ 23																																			
22/ 21																																			
20/ 19																																			
TOTAL		1,930.9	30.8	16.3	10.7	5.8	2.3	1.2																									369	369	

Element (X)	Z _X ²	Z _X	X	X ²	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3116512	41408	72.8	13,474	569	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	1282648	26540	46.6	8,875	569		3.3	2.2	.3		90
Wet Bulb	1052684	24146	42.4	7,025	569		8.5				90
Dew Point	842124	21530	37.8	6,954	569		24.4				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
1954

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HOURS 5-7

[illegible]

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

47.56-79.72

APR
1954

PAGE 2 1200-1400

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 47.66-70.72

APR
YEARS

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
(F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.	
84/ 83																																	1	1			
82/ 81																																	3	3			
80/ 79																																	2	2			
78/ 77																																	6	6			
76/ 75																																	5	5			
74/ 73																																	12	12			
72/ 71																																	4	4			
70/ 69																																	21	21			
68/ 67																																	15	18	2		
66/ 65																																	23	23	3		
64/ 63																																	16	18	5		
62/ 61																																	38	38	15		
60/ 59																																	36	36	10		
58/ 57																																	50	50	28		
56/ 55																																	52	52	20		
54/ 53																																	45	45	40		
52/ 51																																	37	37	89		
50/ 49																																	22	22	65		
48/ 47																																	32	32	50		
46/ 45																																	32	32	32		
44/ 43																																	40	40	34		
42/ 41																																	24	34	41		
40/ 39																																	24	24	44		
38/ 37																																	8	8	38		
36/ 35																																	1	1	25		
34/ 33																																	4	4	6		
32/ 31																																	2	2	3		
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
20/ 19																																					
18/ 17																																					
TOTAL	1,111	320	021	413	512	3	9	1	5	1	2	1	3	2	2																		570	570	570		
Element (X)	Σ X'			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			
Rel. Hum.	2331825			35211			61,816,596			570			Σ J F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total						
Dry Bulb	1633132			29959			52,610,139			570																											
Wet Bulb	217590			26034			49,717,117			570																											
Dew Point	884366			23064			39,717,321			570																											

USAFETAC FORM 0-26-5 (C1A) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

APR
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PAGE 1 1800-2000

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATZBACH

47

YEARS

APR

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
60/ 59																																			1	1		
58/ 57					2.2	2.2																												4	4			
56/ 55					1.1	2.2	1.1	1.1																										5	3			
54/ 53					2.2	2.2	1.1	1.1																										6	6	2		
52/ 51					6.7	1.1	2.2	1.1																										10	10	9	2	
50/ 49					7.8	2.2	3.3																											12	12	9	4	
48/ 47	1.1				1.1	3.3	1.1																											6	6	9	12	
46/ 45	3.3	4.4	4.4	2.2																														13	13	13	10	
44/ 43	2.2	5.6	1.1	2.2																														10	10	11	5	
42/ 41		5.7	2.2																																8	8	10	12
40/ 39	2.2	3.3		2.2																															7	7	14	15
38/ 37	1.1	3.3																																	4	4	4	6
36/ 35		3.3																																	3	3	6	6
34/ 33		1.1																																	1	1	3	7
32/ 31																																						5
30/ 29																																						1
28/ 27																																						1
26/ 25																																						1
TOTAL	10	044	417	821	1	5.6	1.1																												90	90	90	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	595573	7229	80.3	15.122	90	≤ 3 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	199845	4207	46.7	5.952	90							90
Wet Bulb	174921	3941	43.8	5.12	90							90
Dew Point	151597	3659	40.7	5.647	90							90

FORM 0-26-5 (OL A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46-47

MAY

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. WB	TOTAL			
	0	1	2	3-4	5	6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb		Wet Bulb	Dew Point		
60/ 59																																3	3			
56/ 57					2.2	2.2	2.2	2.2	2.2																							4	5			
50/ 55			2.2				4.4	2.2																								4	5			
54/ 53				2.2		4.4																										3	9	3		
52/ 51				2.2	1.1																											6	7		1	
50/ 49				2.2	1.3																											7	7	8	2	
48/ 47				2.2	0.7																											4	4	11	3	
44/ 45				4.4		2.2																										3	3	9	1	
44/ 43	4.4	1.1																														7	7	6	13	
42/ 41	2.2	2.2																														2	2	5	17	
40/ 39		2.2	2.2																													2	2	1	5	
38/ 37																																			2	
34/ 33																																			3	
TOTAL	6.7	28.9	37.8	12.3	4.4	0.9																										45	54	45	45	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	274119	3463	77.0	3.162	45	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 72 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	139716	2732	50.6	5.315	54							93
Wet Bulb	96663	2079	46.2	3.733	45							93
Dew Point	81731	1911	42.5	3.622	45							93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47

YEARS MAY

PAGE 1 0300-0500

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point
58/ 57		1.2																1	1	
56/ 55	1.2	2.5	1.2	1.2	2.5													7	9	2
54/ 53	1.2	3.7		3.7														7	11	5
52/ 51	1.2	3.7	1.2	4.9														9	14	3
50/ 49	2.5	4.9	3.7															9	13	8
48/ 47	2.5	3.7	2.5															7	7	14
46/ 45		17.3	1.2															15	17	9
44/ 43	2.5	12.3	1.2															13	13	18
42/ 41		2.5																2	2	11
40/ 39	2.5	6.2	1.2															3	5	4
38/ 37	1.2																	1	1	5
36/ 35																				
34/ 33		2.5																2	2	1
32/ 31																				
TOTAL	14,860	512.3	9.9	2.5														81	98	81

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	623767	7059	87.1	10.361	81	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	227639	4695	47.9	5.286	98							93
Wet Bulb	267699	3659	48.2	4.759	81		1.1					93
Dew Point	159257	3505	43.3	4.861	81		2.3					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46-47,66-70,72
YEARS

MAY
MAY

PAGE 1 0600-0800

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL DB W.B.	TOTAL Dry Bulb Wet Bulb Dew P.
68/ 67																																	1	1
66/ 65																																	1	1
64/ 63																																	3	3
62/ 61																																	9	11
60/ 59																																	20	21
58/ 57																																	31	37
56/ 55																																	56	60
54/ 53																																	53	55
52/ 51																																	48	52
50/ 49																																	92	93
48/ 47																																	79	80
46/ 45																																	75	75
44/ 43																																	50	51
42/ 41																																	33	33
40/ 39																																	17	17
38/ 37																																	8	8
36/ 35																																	5	5
34/ 33																																	5	5
32/ 31																																	1	1
30/ 29																																		
28/ 27																																		
26/ 25																																		
24/ 23																																		
TOTAL	4,937	8,834	4,125	6,633	7																												587	609
																																	387	387

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2818624	46916	79.9	10.840	587	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	93
Dry Bulb	1508033	30087	49.4	5.963	609							93
Wet Bulb	1261297	27047	46.1	5.070	587							93
Dew Point	1104100	25260	43.0	5.402	587							93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KAITERBACH 45-47.66- .72

MAY
MONTH

PAGE 1 0900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77																		.2																1	1		
76/ 75													.2	.2																			2	2			
74/ 73														.2																			1	1			
72/ 71											.2	.3	.8																			8	9				
70/ 69										.5	1.5	.7																				18	20				
68/ 67				.2		.5	1.5	1.4	.3																							23	25				
66/ 65			.2	.5	.5	3.4	.3	.3																								31	34				
64/ 63			.3	1.0	1.9	1.4	.7																									31	32		3		
62/ 61				1.0	.8	1.5	1.0	1.7	.3																							38	43		8		
60/ 59		.8	1.0	2.2	2.9	2.0	.2																									54	58	19	3		
58/ 57		.8	1.5	1.9	3.2	1.7	.3																									56	59	49	9		
56/ 55	.2	1.7	2.7	2.7	2.9	.7		.2																								65	67	57	18		
54/ 53	.2	1.4	1.7	3.9	1.7	.2																										53	53	52	19		
52/ 51	.5	1.4	2.5	2.0	.5	.3																										43	43	71	36		
50/ 49	1.0	1.2	3.5	2.9	.7																											55	55	83	82		
48/ 47		3.0	2.4	1.4	.2																											41	41	81	64		
46/ 45		2.7	2.2	.5	.2																											33	33	67	63		
44/ 43	.2	1.2	1.9	.2																												20	20	46	66		
42/ 41		1.0	1.0																													12	12	30	88		
40/ 39		.5	.2																													4	4	14	52		
38/ 37		.2																														1	1	8	56		
36/ 35		.3																														2	2	2	14		
34/ 33																																			9		
32/ 31																																			9		
30/ 29																																			1		
28/ 27																																			2		
TOTAL	2,016	222	319	916	612	86	9	3,0	.2																								592	615	592		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2888235	40445	66.214	547	592	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	1952341	34339	58.8	7,602	615			8.8	6			93
Wet Bulb	1464533	29461	49.8	5,580	592							93
Dew Point	1201331	26441	44.7	5,871	592			1.9				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47, 50-70, 72

STATION STATION NAME YEARS MAY

PAGE 1 1200-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point	TOTAL
84/ 83										.3								2	2
82/ 81										.5								3	3
78/ 77										.3								2	2
76/ 75							.2	1.2	.5	.8	.2							17	18
74/ 73						.2	.6	1.4	1.7	.5								27	32
72/ 71					.2	.2	1.7	2.0	1.4									32	33
70/ 69			.2	.7	1.0	1.5	.8	.7										29	33
68/ 67			.2	.3	.5	1.5	2.0	1.5	.2	.2								38	42
66/ 65				.5	.7	1.9	1.2	1.0	.3									33	34
64/ 63		.3	.3	.7	1.0	1.5	1.4	1.0	.2									38	38
62/ 61		.7	.3	1.0	1.7	2.0	2.0	.3										48	50
60/ 59		.2	.8	2.5	2.7	1.7	.7	.2										54	54
58/ 57			1.7	2.2	2.7	1.9	.7	.2										55	58
56/ 55	.2	.5	1.0	1.5	2.7	.3	.5											40	42
54/ 53	.2	.5	1.5	1.7	2.0	.3												37	37
52/ 51	.7	1.4	1.7	1.5	1.0	.2												39	38
50/ 49		1.0	2.5	2.0	.3	.2												36	36
48/ 47		.8	1.9	.3	.3	.3												22	22
46/ 45	.3	2.5	.7	.2														22	22
44/ 43	.2	.7	1.0															11	11
42/ 41		.2	.8															6	6
40/ 39			.3															2	2
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
TOTAL	1.5	8.8	15.0	14.9	16.8	13.2	12.7	9.6	5.2	2.4	.2							592	616
																		592	592
Element (X)	Z _x	Z _x	X	X	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	2346974	35968	60.8	16.540	592	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	2269678	36996	60.1	8.812	616			24.9	8.6	.8		93							
Wet Bulb	1610350	30682	51.3	5.842	592							93							
Dew Point	1229839	26731	45.2	6.216	592		2.4					93							

USAFETAC FORM 0-26-5 (OLAI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46-47.66-70.72

YEARS

VAY
MONTH

PAGE 1 1500-1700
HOURS

Temp (F)		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point						
86/	85																			.2	.2														2	2								
84/	83																			.3															2	2								
82/	81																			.3															2	2								
78/	77																			.2	.5	.5													7	9								
76/	75																			.7	1.4	2.0	.5												27	29								
74/	73											.2	.7	1.4	1.9	1.9	.2																		36	37								
72/	71											.7	1.2	1.9	1.5																					31	36							
70/	69					.2	.8	.7	2.2	1.7	1.4																										42	45						
68/	67				.3	.2	.5	.7	1.0	1.9	.8																										32	37		1				
66/	65				.2		1.4	1.7	2.4	1.4	1.0	.3																										35	35		3			
64/	63				.2	.3	1.0	1.2	2.0	.5	.5																											34	34		11			
62/	61				.2	.8	1.0	1.0	2.5	.8	.7																												42	44		24		
60/	59				.3	1.0	1.9	2.7	2.2	1.5	.2																											58	61		49			
58/	57				.2	.7	1.7	2.4	1.4	1.2																													45	47		69		
56/	55				.2	1.0	1.5	2.4	.8																														35	35		64		
54/	53				.3	1.0	2.4	1.7	2.5	.2																													48	48		63		
52/	51				.2	1.0	.7	2.0	.7	.7																													31	31		69		
50/	49					1.0	2.0	1.0	.2	.2																													26	26		64		
48/	47					2.2	1.5																																22	22		64		
46/	45					2.2	1.0																																19	19		59		
44/	43					1.0	.3																																	8	8		34	
42/	41					.2	.8																																	7	7		9	
40/	39																																										7	67
38/	37																																										1	26
36/	35																																											19
34/	33																																											13
32/	31																																											4
30/	29																																											2
28/	27																																											

Element (X)	Z _x ¹	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2174922	24264	58.1	17.311	591	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	2263008	37734	61.3	9.156	616			30.0	12.2	.9	
Wet Bulb	1631669	30871	52.2	5.692	591			.2			
Dew Point	1211672	26230	44.9	5.929	591		1.3				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47.66-70.72

YEARS

MAY

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19-20	21-22	23-24	25-26	27-28	29-30	31	Wet Bulb	Dew Point														
86/ 85													.4																		1	1		
84/ 82													.4																		1	1		
78/ 77													.4																		2	2		
76/ 75													1.1	.4																4	4			
74/ 73										.4	1.6	1.8	1.8	.4																17	19			
72/ 71									.4	1.1	1.8	1.8	.4																	15	17			
70/ 69					.4	.4	.7	.4	.4	.7																				8	8			
68/ 67					.4	.7	1.5	2.2	2.2	1.5																				23	27			
66/ 65				.7	.4	.7	3.3	.7	2.2																					22	23			
64/ 63				.4	.7	2.6	2.2	1.1		.7																				21	22			
62/ 61				.7	1.5	1.1	1.1	.4	.4																					14	16			
60/ 59		.4		1.1	1.8	1.8	1.5																							20	20			
58/ 57	.4	1.1	.7	3.3	3.3	.7	.7																							28	33			
56/ 55		.4	1.5	.4	2.6	1.1																								16	16			
54/ 53		.7	1.8	1.8	2.6	.4																								20	20			
52/ 51		1.1	1.8	1.8	.4																									14	14			
50/ 49		1.5	2.6	.7	.7	.4																								17	17			
48/ 47		1.1	2.2	.4																										10	10			
46/ 45		3.3	.7	.4																										12	12			
44/ 43		1.1	.7																											5	5			
42/ 41		.4	.4																											2	2			
40/ 39																																		
38/ 37																																		
36/ 35																																		
34/ 33																																		
32/ 31																																		
30/ 29																																		
TOTAL		.4	1.1	0.14	7.14	0.16	9.13	6	8.5	9.2	7.7	3.3	.7																		272	272		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1066694	16394	60.3	17.030	272	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	1075071	17447	60.4	8.699	289			25.4	8.7	.6		93
Wet Bulb	742511	14131	52.0	5.559	272							93
Dew Point	562845	12271	45.1	5.843	272			1.4				93

USAFETAC FORM 10-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH

46-47

YEARS

MAY

PAGE 1 2100-2300
HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B. WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65						2.3	4.5	2.3										4	4		
64/ 63							2.3											1	1		
62/ 61						2.3	6.8											4	4		
60/ 59					2.2	2.3	2.2											2	4		
58/ 57					4.5	6.8												5	5		
56/ 55		4.5	2.3	4.5														5	7	3	
54/ 53			2.3	9.1		2.3												6	7	5	2
52/ 51			9.1	2.3														5	5	10	
50/ 49			4.5	2.3														3	3	8	3
48/ 47																				6	2
46/ 45		6.8	2.3															4	4	4	12
44/ 43		4.5	4.5															4	4	5	7
42/ 41																				3	9
40/ 39																					4
38/ 37																					1
36/ 35																					3
TOTAL		15.925	0.025	0.011	4.13	6	6.8	2.3										44	48	44	44

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum	215038	3014	68.5	14.125	44	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	145123	2623	54.6	6.166	48							93
Wet Bulb	105881	2151	48.9	4.110	44							93
Dew Point	84949	1925	43.8	4.121	44							93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dev. Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
64/ 63																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Element (X)	Σx^1	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	473533	5009	94.4	4.939	53	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	235961	4487	52.2	4.671	86							90
Wet Bulb	133804	2654	50.1	4.169	53							90
Dew Point	130017	2615	49.3	4.372	53							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71-72

YEARS

JUN

PAGE 1 C300-0500

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
66/ 65																		1	
64/ 63																		1	
62/ 61																		1	
60/ 59			2.1			1.0												4	5
58/ 57	1.0	3.1	4.2															8	13
56/ 55	1.0	6.3	1.0															8	11
54/ 53	1.0	10.4		2.1	1.0													14	20
52/ 51		4.2	4.2															8	12
50/ 49	13.5	6.3	2.1	1.0	1.0													23	29
48/ 47	5.2	4.2	3.1															12	18
46/ 45	4.2	6.3	1.0															11	12
44/ 43	2.1	4.2																6	7
42/ 41	2.1																	2	2
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
TOTAL	30.2	47.9	15.0	3.1	3.1													96	132
																			96

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	773685	8573	89.2	10.3	96	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	90
Dry Bulb	350508	6772	51.2	4.8	132							90
Wet Bulb	232433	4703	49.0	4.4	96							90
Dew Point	218671	4559	47.5	4.7	96							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.66-72

YEARS

JUN
MON.

PAGE 1 0600-0900

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet bulb	Dew Point													
74/ 73							.2											1						1											
72/ 71							.2											1						1											
70/ 69					.5	.3	.7	.7										13						13											
68/ 67				.3	1.2	1.4	.5	.3										22						22											
66/ 65			1.4	2.4	.5	.9	.5											33						35	1										
64/ 63		.5	2.1	1.5	1.0	.5	.2											34						36	5										
62/ 61		1.2	1.5	1.5	1.0	.7												35						37	26										
60/ 59	.2	2.9	3.3	4.4	1.2													67						72	48										
58/ 57	.2	2.1	3.3	2.2	1.5													54						57	49										
56/ 55		3.8	3.6	2.2	.3													58						61	64										
54/ 53		3.6	3.8	2.5	.5													61						65	71										
52/ 51	.7	4.8	2.9	.9														54						63	75										
50/ 49	2.2	3.4	4.5	.5														62						65	77										
48/ 47	1.5	2.8	1.5															40						41	66										
46/ 45	.5	2.9	.9	.3														27						27	48										
44/ 43	.3	1.0	.2															11						11	28										
42/ 41	.3	.7	.2															7						7	14										
40/ 39	.2																	1						1	6										
38/ 37																									1										
36/ 35																									6										
34/ 33																									2										
TOTAL	6.230.829.820.0 7.9 3.6 1.7																				615		581												

Element (X)	Zx'	Zx	X	*x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3698556	45844	78.9	11.834	581	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	1936445	34273	55.7	6.565	615			5.4	1.1			90
Wet Bulb	1586558	30200	52.0	5.385	581							90
Dew Point	1411613	28461	49.0	5.480	581							90

USAFETAC 0.26.5 (OLA) FORM 7-64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY, KATTERBACH 44,56-72

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
82/ 81																			1	1	
80/ 72																			2	2	
78/ 77																			7	3	
76/ 72																			16	17	
74/ 73																			24	24	
72/ 71																			37	39	
70/ 69																			46	49	
68/ 67																			55	57	
66/ 65																			48	50	2
64/ 63																			45	49	16
62/ 61																			32	34	27
60/ 59																			32	60	66
58/ 57																			52	53	13
56/ 55																			50	55	36
54/ 53																			38	39	39
52/ 51																			27	28	52
50/ 49																			30	30	74
48/ 47																			19	25	112
46/ 45																			6	6	67
44/ 43																			1	1	54
42/ 41																			2	2	35
40/ 39																					35
38/ 37																					15
36/ 35																					3
34/ 33																					2
TOTAL	1.511	7.119	5.119	4.119	3.119	2.119	1.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	591	624	591

Element (X)	Σx	Σx	Σx	Σx	No. Obs.	Mean No. of Hours with Temperature	Σ 0 F	Σ 32 F	Σ 67 F	Σ 72 F	Σ 80 F	Σ 93 F	Total
Rel. Hum.	2816760	40004	67.713	589	591								
Dry Bulb	2409689	38462	61.6	7,897	624				28.4	7.5	.3		90
Wet Bulb	1811657	32553	55.1	5,614	591				.3				90
Dew Point	1309806	29593	50.2	5,473	591								90

REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26 5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

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[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

YEARS

JUN

PAGE 1 1500-1700

FORM 0-26-5 (OL A) REUSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL DB, WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
88/ 87																											2	2		
86/ 85														.2													4	4		
84/ 83														.4	.4												4	6		
82/ 81														.2	.7	.6	.5										17	18		
80/ 79										.2	1.4	1.6	.4														20	20		
78/ 77					.4	.2	.4	1.9	2.5	.9	.2																42	43		
76/ 75					.2	.5	1.9	1.4	.9																		28	30		
74/ 73					.2	1.2	1.9	2.8	.9																		40	43		
72/ 71				.2	.5	1.8	3.4	1.6	.9																		47	51		
70/ 69			.5	.7	1.8	1.6	2.3	.4	.5																		44	46	2	
68/ 67			.4	1.4	1.1	1.6	.5	.2																			29	31	8	
66/ 65			.4	.5	1.1	1.2	1.6	.5																			30	30	25	2
64/ 63	.2	.2			1.2	2.5	.9	.2																			29	30	66	4
62/ 61		1.1	.7	3.0	2.1	1.2	.7																				50	53	84	7
60/ 59		1.3	1.8	1.9	2.8	1.2																					54	61	71	32
58/ 57	.4	1.2	1.6	.7	1.2	.2	.2																				31	31	71	38
56/ 55	.2	.5	1.2	1.2	.4																						20	20	54	48
54/ 53	.2	1.1	1.9	1.1	.4																						26	27	59	69
52/ 51		.5	1.2	.9																							15	16	38	83
50/ 49	.5	1.6	.7	.2																							17	17	36	109
48/ 47	.2	.5	1.2																								11	11	30	48
46/ 45	.2	.9																									6	6	14	52
44/ 43																													8	31
42/ 41		.2																									1	1		32
40/ 39																													1	7
38/ 37																														3
36/ 35																														2
TOTAL	1.8	9.5	11.6	13.1	14.5	11.6	13.1	9.2	8.8	4.6	1.8	.5															567	597	567	567

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2249709	34379	60.6	7.084	567	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2647947	39367	65.9	9.344	597			44.3	25.0	5.9		90
Wet Bulb	1059104	22310	57.0	5.632	567			1.6				90
Dew Point	1472388	28736	50.7	5.321	567							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-7-272

YEARS

JUN

PAGE 1 1800-2000

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85												.4	.4																					2	2		
82/ 81										.4	.6	2.5																					9	9			
80/ 79										.4	.4	.4																					3	4			
78/ 77										.8	2.1	1.2																					10	11			
76/ 75				.4				1.6	3.3	1.2																							16	17			
74/ 73						.8		1.6	2.1	1.2																							14	16			
72/ 71			.4		1.2	1.2	2.1	1.2	.4																								16	19			
70/ 69			.8		1.2	.4	4.1	.4	.4																								18	20	1		
68/ 67			.8	2.1	1.2	2.5	.8																										10	18	4		
66/ 65			.4	1.2	2.1		1.2																										12	12	10	2	
64/ 63				2.5	2.5	.8	.8																										16	16	24	4	
62/ 61		.4	.8	.4	.8	2.1	.4																										12	13	29	2	
60/ 59	.4	2.1	.8	3.7	2.1	.4																											23	28	28	12	
58/ 57	.4	1.6	1.6	.8	1.6		.4																										16	19	34	15	
56/ 55		2.1	2.5	.8	.4																												14	16	19	22	
54/ 53	.8	.8	2.1		.4																												10	10	28	26	
52/ 51	1.6	2.5	1.6	.8																													15	15	26	42	
50/ 49	.8	1.6	1.6	.4																													10	10	17	49	
48/ 47			1.2																														3	3	11	19	
46/ 45	.8		.4																														2	3	4	21	
44/ 43	.4	.8																															3	3	6	14	
42/ 41																																			2	8	
40/ 39																																				5	
38/ 37																																				1	
36/ 35																																				1	
TOTAL	5.2	11.9	14.4	13.2	14.4	7.4	13.2	8.6	6.6	4.1	.4	.4																				243	264	243	243		

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	1106980	15786	65.0	18.249	243	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	1115476	16978	64.3	9.475	264			39.5	20.1	4.4		90
Wet Bulb	781564	13710	56.4	5.767	243			1.9				90
Dew Point	637632	12380	50.9	5.345	243							90

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERRACH 46
STATION STATION NAME

YEARS

PAGE 1 2100-2300

Temp (F)	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	TOTAL DB WB	TOTAL Dry Bulb Wet Bulb Dew Point
70/ 69																				1	1
68/ 67				1.8																1	1
66/ 65					0.5															2	3
64/ 63			1.8	1.8																2	3
62/ 61	1.8			1.8																2	3
60/ 59																					
58/ 57				8.8																5	6
56/ 55	1.8	1.8	1.8	1.8	1.8															4	6
54/ 53	1.8	1.8	1.8	3.5																14	15
52/ 51	2.5	1.8	1.8																	10	12
50/ 49	14.0	1.8																		9	9
48/ 47	1.8			1.8																2	4
46/ 45				1.8																1	1
44/ 43	2.5	3.5																		4	4
42/ 41																					
TOTAL	28.1	150.9	14.0	2.3	1.0															57	68

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	473312	5172	90.7	8.474	57	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	200314	3670	54.0	5.785	68			2.6			
Wet Bulb	156044	2970	52.1	4.802	57						
Dew Point	148712	2900	50.9	4.567	57						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTEBACH 46
STATION STATION NAME YEARS

JUL
MONTH

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24	25	26-27	28-29	30	31	Wet Bulb	Dew P.														
68/ 67			2.3																											2	2				
66/ 65		1.1	6.9																											7	7				
64/ 63		10.3	2.3																											11	11	9	1		
62/ 61		6.9	1.1																											7	7	9	9		
60/ 59	1.1	12.6	4.6																											16	16	12	14		
58/ 57	2.3	10.3	1.1	2.3																										14	14	13	15		
56/ 55	1.1	9.2	2.3																											11	11	14	13		
54/ 53	1.1	6.9	1.1																											8	8	13	8		
52/ 51	1.1	6.9																												7	7	10	12		
50/ 49	1.1	3.4																												4	4	6	9		
48/ 47																																	1	6	
TOTAL	8.0	67.8	21.8	2.3																											87	87	87	87	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	709853	7841	90.1	6.073	87	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	298527	5081	58.4	4.556	87			2.1				93
Wet Bulb	280111	4923	56.6	4.228	87							93
Dew Point	268967	4823	55.4	4.307	87							93

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH

46.71

YEARS

JUL

PAGE 1 C300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69				1.6	.8	.8														4	4															
68/ 67				.8		.2														2	2															
66/ 65			2.4	1.6	.8															6	6															
64/ 63		2.4	2.4																	6	6	3														
62/ 61		11.6	1.6	.8																18	18	13	2													
60/ 59		.8	10.2	1.6																16	16	23	22													
58/ 57	2.4	6.3	1.6	.8																14	14	15	18													
56/ 55	2.4	5.5	2.4	.8																14	14	13	15													
54/ 53	.8	7.9	.8	1.6																14	14	15	9													
52/ 51	3.9	6.3	3.1	1.6																19	19	19	22													
50/ 49	3.1	2.4																		7	7	13	15													
48/ 47	.8	2.4																		4	4	7	11													
46/ 45	2.4																			3	3	6	8													
44/ 43																							3													
42/ 41																							2													
TOTAL	16.4	55.1	11.2	0.1	0.2	1.6	1.6													127	127	127	127													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	994545	11161	87.9	0.426	127	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	416766	7242	57.0	5.492	127			4.4				93
Wet Bulb	385787	6973	54.9	4.823	127							93
Dew Point	363884	6768	53.3	5.046	127							93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,66=72

JUL

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
(F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point					
82/ 81									.2																			1		1					
80/ 79								.2	.2																			2		2					
78/ 77								.2	.2																			2		2					
76/ 75							.3	.3		.2																		5		5					
74/ 73					.2	.5	.2	.2	.3	.2																		9		9					
72/ 71				.3	.7	1.5	.2	.2		.2																		17		17					
70/ 69	.2	.2	.5	.3	1.5	.3	.3																					20		20	3	1			
68/ 67	.2	.2	1.3	2.0	1.2	1.0	.3																					37		37	8	4			
66/ 65		.3	2.6	1.5	1.0	.3	.3																					37		37	16	2			
64/ 63	.2	1.0	2.8	2.5	1.2	.3																						40		40	27	11			
62/ 61	.3	4.5	3.6	2.5	.8	.2																						72		72	51	23			
60/ 59	.3	3.3	3.8	3.0	1.0																							69		69	75	55			
58/ 57	.3	4.1	2.0	2.1	.7	.2																						61		61	75	59			
56/ 55	.7	4.6	3.1	2.5	.2																							67		67	75	61			
54/ 53	.8	4.3	4.0	1.7																								65		65	79	68			
52/ 51	.3	2.8	3.8	.5																								45		45	68	77			
50/ 49		2.5	2.8																									32		32	59	86			
48/ 47	.5	1.0	.8																									14		14	50	65			
46/ 45		.3																										2		2	14	44			
44/ 43		.2																										1		1	6	31			
42/ 41																																	17		
40/ 39																																	2		
TOTAL	3,829	232	219	3	9.4	3.0	1.8	1.0	.3																				606		606	606			

Element (X)	Z _X	Z _X	X	X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	3840340	47692	78.7	11,991	606	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	21,1375	36000	59.3	6,586	607			14.2	2.9	.2		93
Wet Bulb	1875,08	33510	55.3	5,204	606			1.7				93
Dew Point	1680293	31727	52.4	5,638	606			.8				93

FORM 0-26-5 (OL A) JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.66-72

YEARS

JUL

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Wet Bulb	Dew Point																	
88/ 87																		.3													2	2				
86/ 85																		.2													1	1				
84/ 83																		.2		.2		.2		.3							5	5				
82/ 81																		.3		.3		.3		.3							12	12				
80/ 79																		.5		.6		.6		1.0		1.3					25	25				
78/ 77																		.2		.3		.3		1.0		.5		.6		.5		.2	23	24		
76/ 75																		.2		.5		.6		.3		1.1		.2		.2		19	19		1	
74/ 73																		.2		.2		.3		1.0		.8		2.1		1.0		.2	40	40		5
72/ 71																		.2		.3		1.6		2.9		2.2		.5				48	48		13	
70/ 69																		.2		.5		1.9		1.9		1.8		.5				44	44		20	
68/ 67																		.3		.3		1.9		2.6		2.4		.6				32	32		28	
66/ 65																		.3		.6		2.6		2.4		1.9		.3				52	52		29	
64/ 63																		.2		.8		1.6		2.2		2.4		.6				51	51		49	
62/ 61																		.2		1.1		1.8		3.0		1.6		1.3				61	61		65	
60/ 59																		.2		1.6		2.6		3.0		.3						64	64		93	
58/ 57																		.3		1.1		1.8		2.7		1.9						47	47		93	
56/ 55																		.6		1.9		1.3		1.3								32	32		59	
54/ 53																		.2		1.3		1.9		1.0								27	27		56	
52/ 51																		.3		.5		1.8										16	16		64	
50/ 49																		.5		.2												4	4		33	
48/ 47																		.2															1	1		17
46/ 45																																			1	
44/ 43																																				
42/ 41																																				
TOTAL	1.1	9.4	15.5	20.1	21.1	14.7	10.2	5.6	1.6	.6																						626	626		626	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2927920	41956	67.0	13.619	626	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	
Dry Bulb	2732263	41089	65.5	7.953	627			40.3	19.0	4.9	93
Wet Bulb	2161218	36298	59.5	5.876	626			10.0	.9		93
Dew Point	1829261	33615	53.7	6.223	626			3.2	.3		93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-76-5 (OL A) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,66-72

YEARS

JUL

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB, WB	TOTAL		Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb		Wet Bulb
90/ 89																																		4	4	
88/ 87																																		4	4	
86/ 85																																		20	20	
84/ 83																																		28	26	
82/ 81																																		26	26	
80/ 79																																		25	25	
78/ 77																																		35	35	1
76/ 75																																		36	36	2
74/ 73																																		41	41	7
72/ 71																																		41	41	15
70/ 69																																		53	53	20
68/ 67																																		53	54	29
66/ 65																																		50	50	59
64/ 63																																		38	38	76
62/ 61																																		37	37	76
60/ 59																																		31	32	82
58/ 57																																		32	32	66
56/ 55																																		27	27	61
54/ 53																																		13	13	33
52/ 51																																		10	10	51
50/ 49																																				22
48/ 47																																				4
46/ 45																																				
44/ 43																																				
42/ 41																																				
TOTAL																																				

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2321021	36367	60.214	7.59	604	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	2956349	41981	69.3	8.916	606			56.3	33.6	14.3	
Wet Bulb	2198365	36271	60.1	5.794	504			11.4	1.5		
Dew Point	1785689	32649	54.1	5.882	604			2.5	.2		

FORM 0-26-5 (OLA) JUL 64
USAFETAC
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,56-72

JUL
MONTH

YEARS

PAGE 1 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. WB.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																		.3	.2	.3		.2												1	1	
90/ 89																		.2	1.0	.7		.2												8	6	
88/ 87								.2										.2	.2	.2		.2												12	12	
86/ 85								.2				.5						.2	1.2	1.2		.2												21	21	
84/ 83								.2			.3		.2	1.2	1.9	.8					.8													27	27	
82/ 81								.2		.2	.5	.8	2.0	1.2	.5	.7	.2																	36	36	
80/ 79									.2	.2	.8	1.4	.5								.5		.2											19	19	
78/ 77						.3	.2	.5	1.4	1.4	2.9	.8	.2																					45	45	
76/ 75							.8	1.2	2.2	1.2	1.9																							43	43	
74/ 73	.2						1.4	1.5	1.0	1.9	.5																							38	38	
72/ 71	.2	.5		.5	1.2	1.2	1.5	1.7	.2																									41	41	
70/ 69	.2	.3	1.0	2.4	2.0	1.5	.5																											47	47	
68/ 67		.5	.8	1.5	1.7	2.7	.3																											45	45	
66/ 65			.8	.5	1.0	1.4	1.0																											28	28	
64/ 63		.5	2.0	1.2	.5	.8	.7																											34	34	
62/ 61		.3	1.2	.5	1.5	.8	.3																											30	30	
60/ 59	.2	.8	1.7	2.5	2.2	.7																												48	48	
58/ 57	.7	2.0	2.0	1.2																															35	35
56/ 55	.2	1.4	.8																																14	14
54/ 53		.8	1.0	.3																															13	13
52/ 51	.2	.2	.5																																5	5
50/ 49			.2																																1	1
48/ 47																																				
46/ 45																																				
44/ 43																																				
42/ 41																																				
TOTAL	.5	5.2	11.7	10.2	14.6	12.2	13.9	8.8	10.7	7.1	4.2	1.0																						591	591	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	2152896	34374	58.2	16.136	591	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93
Dry Bulb	2978552	41538	70.4	9.393	591			60.3	39.2	18.3		93
Wet Bulb	2174664	35684	60.4	5.837	591			13.4	1.9			93
Dew Point	1727406	31846	53.9	6.077	591			3.0	.5			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

YEARS

JUL

PAGE 1 1800-2000

HOURS 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89																			1	1															
88/ 87									.7								.4		3	3															
86/ 85						.4			.4	1.1									6	6															
84/ 83						.7	.4	1.1	.7	.4	1.4								13	13															
82/ 81						.4	.7	1.1	.7								.4		9	9															
80/ 79					.4	.4	.4	2.2	2.1										16	16															
78/ 77			.4	.4		2.1	.7	.7	.7										14	14		1													
76/ 75				.4		.4	2.5	1.1	.4										13	13		1													
74/ 73			.4	.7	.7	.4	1.1	2.5											16	16		4		1											
72/ 71			.4	.7	2.5	1.4	1.1	1.4	.4										22	22		6		2											
70/ 69			1.1	.4	1.8	2.1	2.5	.4											23	23		7		3											
68/ 67			.4	1.4	1.4	2.1	1.8	1.8	.4										26	26	23	5		6											
66/ 65			.7	2.1	1.1	1.1	.4												15	15	24	6		5											
64/ 63			.7	1.4	1.4	1.5	1.8	.7											22	22	38	17													
62/ 61			.7	1.1	.4		1.4												10	10	27	15													
60/ 59	.4	2.8	3.2	3.2	1.4	.7													34	34	35	27													
58/ 57		1.8	1.8	2.1	1.4														20	20	32	27													
56/ 55		1.8	1.4	.7															11	12	28	34													
54/ 53		1.4	1.4																8	8	25	34													
52/ 51		.4	.4																2	2	23	23													
50/ 49																					9	47													
48/ 47																					1	17													
46/ 45																						11													
44/ 43																							12												
42/ 41																							3												
TOTAL		.4	10.6	16.2	13.0	13.4	11.3	11.0	9.6	3.2	1.4	.7	.4							284	284	284													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	1222716	18044	63.5	16.418	284	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	1354512	19484	68.4	5.899	285			52.9	29.7	12.1	93
Wet Bulb	1034340	17058	60.1	5.878	284			13.8	2.0		93
Dew Point	856711	15495	54.6	6.321	284			3.6	.3		93

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

AV 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,72

YEARS

JUL

PAGE 1 2100-2300
HOURS 5.0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
78/ 77					1.0																													1	1
76/ 75						1.0	1.0																										2	2	
74/ 73					1.0		1.0																										2	2	
72/ 71				1.0	2.1	2.1																											5	5	
70/ 69				1.0	4.2	2.1																											7	7	
68/ 67				3.1	2.1	1.0																											6	6	
66/ 65			2.1	3.1	1.0	1.0																											7	7	
64/ 63	1.0	7.3	2.1	2.1	2.1																												14	14	
62/ 61		1.0	3.2	3.1																													9	9	
60/ 59	5.2	3.1	4.2	1.0	2.1																												15	15	
58/ 57	2.1	6.3	3.1	1.0																													12	12	
56/ 55	1.0	2.1	2.1																														5	5	
54/ 53		5.2																															5	5	
52/ 51		3.1	1.0																														4	4	
50/ 49																																			
48/ 47	1.0	1.0																															2	2	
46/ 45																																			
44/ 43																																			
TOTAL	10.4	31.3	26.0	18.6	11.5	2.1																											96	96	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	661892	7908	82.4	10.498	96	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	373563	5959	62.1	6.216	96			22.3	4.8		93
Wet Bulb	322594	5630	58.6	5.045	96			4.8			93
Dew Point	307896	5414	56.4	5.200	96			1.9			93

USAFETAC FORM 0-26-5 (OLA) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46

YEARS

AUG

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
68/ 67				1.1																1		1													
66/ 65			2.2	1.1	2.2															3		5													
64/ 63				3.2																3		3													
62/ 61			2.2	1.1	3.2															6		4													
60/ 59	2.2	8.6	1.1																	11		7		7											
58/ 57	3.2	11.8																		14		17		12											
56/ 55	9.7	5.4																		14		22		20											
54/ 53	5.4	9.7																		14		9		16											
52/ 51	5.4	6.5	1.1																	12		15		14											
50/ 49	5.4	4.3																		9		13		13											
48/ 47	4.3																			4		6		8											
46/ 45																								3											
TOTAL	35.5	48.4	8.0	5.4	2.2																	93		93											
																				93				93											

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	780721	848	91.2	8.456	93	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	292904	5200	55.9	4.836	93			1.0				93
Wet Bulb	276345	3057	54.4	3.850	93							93
Dew Point	264928	4952	53.2	3.682	93							93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

34172 ANSBACH 3AF GERMANY/KATTERBACH 46,71

YEARS AUG

PAGE 1 0300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	D.P.				
70/ 69							.8				.8																							2		2					
68/ 67					.8				.8																									3		3					
66/ 65					.8		.6																											2		2					
64/ 63					3.2	2.4			.8																									5		5	2				
62/ 61					2.4	4.0																												8		5	1				
60/ 59	2.4	2.4	2.4	1.6					.8																									12		12	10	6			
58/ 57	1.6	7.1	2.4						.8																									16		16	14	8			
56/ 55	4.8	7.9	2.4	1.6																														21		21	29	18			
54/ 53	4.8	5.6	3.4																															16		16	22	25			
52/ 51	2.2	7.1																																13		13	13	22			
50/ 49	3.2	3.2																																5		8	14	13			
48/ 47	4.8	.8																																7		7	10	19			
46/ 45	7.9																																	10		10	11	12			
TOTAL	32.5	34.1	12.7	11.9	3.2	1.6																												126		126	126	126			
																																			126		126				

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AUG
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46266-72

AUG

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb			TOTAL Wet Bulb Dew Point		
88/ 87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1					
86/ 85																	.2	.2					.2										2	2					
84/ 83																							.2										1	1					
82/ 81													.3	.2																			3	3					
80/ 79												.9					.2																7	7					
78/ 77											.5	.9	.2	.2	.3																		16	16					
76/ 75							.8	1.1		.8	.6	.3																					23	23					
74/ 73						1.1	1.2	.2	.6	.2																							22	22					
72/ 71					.6	.9	1.4	.6	.2	.2																							25	25					
70/ 69			.2	1.2	2.4	.9	1.1	.3																									40	40	10				
68/ 67			.5	1.7	2.4	2.3	.6	.2																									50	50	16				
66/ 65		.2	1.4	2.6	1.5	.8	.2	.2																									44	44	26	6			
64/ 63		.6	2.7	3.8	2.4	.9																											69	69	44	14			
62/ 61	.2	1.5	4.1	4.6	2.3	.2																											84	84	61	27			
60/ 59	1.2	3.8	4.2	3.8	1.5	.2																											97	97	96	64			
58/ 57	1.2	3.9	3.9	.9	.6																												70	70	127	81			
56/ 55	1.2	2.4	2.7	1.7	.2																												54	54	112	98			
54/ 53	.3	1.5	1.1	.6																													23	23	72	89			
52/ 51	.3	.9	1.8	.2																													21	21	46	95			
50/ 49		.6	.2																														5	5	29	83			
48/ 47		.2	.2																														2	2	18	49			
46/ 45																																			2	30			
44/ 43																																				19			
42/ 41																																				4			
TOTAL	4,415	622	921	516	1	9.7	5.6	2.3	1.1	.5	.2	.2																					659	659	659				

Element (X)	Z _X ²	Z _X	X	X ²	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3590612	47808	72.5	14,073	659	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	2653068	41582	63.1	6,934	659			26.8	10.6	1.3	
Wet Bulb	2190042	37863	57.3	4,713	659			3.7			
Dew Point	1905600	35292	33.6	4,863	659						

REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

FORM 0-26-5 (OL A)

USAF ETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,6672

YEARS

AUG

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B. W.B. Dry Bulb			TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2772099	40468	64.7	15.619	625	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	93
Dry Bulb	2829382	41774	66.8	7.781	625			44.8	21.0	6.0		93
Wet Bulb	2190727	36877	59.0	4.881	625			6.6	1.1			93
Dew Point	1821156	23576	37.7	5.281	625			.1				93

USAFETAC FORM 0-26-5 L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.06-72

AUG

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb	
90/ 89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1			
88/ 87														.2				.3		.2					.2							5	5				
86/ 85																	.2	1	.2	1	.0											14	14				
84/ 83														.2			.8	.7		.3												12	12				
82/ 81														.7			.8	.2		.8												15	15				
80/ 79														.5	1	.7		.7														17	17				
78/ 77							.5	.5	1	.4	2	.2		.8		.3																34	34				
76/ 75							.2	1	.0	1	.2	1	.4	1	.2		.5															32	32				
74/ 73							.8	1	.5	2	.0	1	.5		.5																	38	38				
72/ 71						.5	.2	.8	2	.9	.5																					29	29				
70/ 69						1	.2	1	.5	2	.5	3	.6	.8																		57	57				
68/ 67					.7	2	.2	2	.5	4	.2	2	.7	.2																		74	74				
66/ 65					1	.5	2	.5	1	.5	2	.0	.3																			47	47				
64/ 63					1	.2	1	.7	2	.0	2	.4	.5	1	.7																	56	56				
62/ 61					1	.0	2	.7	1	.5	.7	.8																				40	40				
60/ 59					.3	2	.0	3	.4	2	.0	.8	.2																			52	52				
58/ 57					.8	1	.2	1	.5	.5	.2																					25	25				
56/ 55					.2	.2	2	.2	.8	.8	.2																					26	26				
54/ 53					1	.7	.2																									11	11				
52/ 51					.7																												4	4			
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
42/ 41																																					
40/ 39																																					
TOTAL	.5	7.6	13.6	14.4	12.6	14.6	16.3	9.3	5.1	3.2	2.5																					589	589				

Elev. (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2278270	36286	61.6	13.589	589	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	2161566	40050	68.0	8.071	589			51.8	26.5	9.2	93
Wet Bulb	2080209	34893	59.2	4.776	589			7.4	2.1		93
Dew Point	1694479	21455	36.4	4.992	589			2			93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46266-70-72

YEARS

AUG

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb			TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	1505064	21384	67.015	0.003	319	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	
Dry Bulb	1384080	20852	65.4	8.133	319			37.3	18.4	5.8	93
Wet Bulb	1089241	18269	57.2	5.121	319			6.7			93
Dew Point	917317	17033	53.4	4.965	319						93

REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

AUG

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	31	D.B	W.B	Dry Bulb	Wet Bulb	Dew Point												
70/ 75						1.0														1	1														
70/ 73							1.0													1	1														
72/ 71					1.0	1.0	1.9													4	4														
70/ 69				1.0		1.9														2	2														
68/ 67			1.0	1.9	1.0															4	4														
66/ 65				2.9	1.0															4	4	2													
64/ 63			6.7	1.9	1.0															10	10	4	1												
62/ 61	1.9	1.0	2.8	1.9																9	9	9	4												
60/ 59	1.0	2.9	1.9	2.9																9	9	14	6												
58/ 57	2.8	4.8	2.8	1.0																14	14	14	14												
56/ 55	2.9	6.7	2.9	1.0																14	14	14	17												
54/ 53		11.4	4.8																	17	17	11	14												
52/ 51	4.8	6.7																		12	12	26	15												
50/ 49		1.9																		2	2	9	21												
48/ 47		1.0																		1	1	1	10												
46/ 45																						1	2												
44/ 43																							1												
TOTAL	14	336	224	815	2	3.8	4.8	1.0												105	105	105	105												

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	734489	8703	82.9	11.228	105							
Dry Bulb	366207	6169	58.8	6.016	105			11.5	1.8			93
Wet Bulb	326293	5835	55.6	4.422	105							93
Dew Point	299864	5594	53.3	4.203	105							93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

ORM

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46

YEARS

SEP

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5	6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point	
60/ 59	2.2		1.1																												3	3	2	2	
58/ 57		10.0	2.2																												11	11	4	1	
56/ 55	1.1	8.9																													9	9	9	7	
54/ 53	4.4	12.2																													15	15	13	12	
52/ 51	4.4	5.6																													9	9	16	18	
50/ 49	11.1	6.7																													16	16	15	15	
48/ 47	8.9	7.8																													15	15	12	14	
46/ 45	7.8	1.1	1.1																												9	9	15	11	
44/ 43	1.1	1.1																													2	2	2	7	
42/ 41		1.1																													1	1	2	1	
40/ 39																																		2	
TOTAL	41.1	154.4	4.4																												90		90	90	
																															90		90		

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	802821	8493	94.4	5.155	90	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	239489	4827	51.4	4.233	90							90
Wet Bulb	230850	4544	50.5	4.006	90							90
Dew Point	224752	4482	49.8	4.080	90							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.71

YEARS

SEP

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31	Dry Bulb	Wet Bulb	Dew Point															
58/ 57	2.4	5.7																														10	10	5	3	
56/ 55	1.6	4.1																														7	7	8	8	
54/ 53	4.1	7.3	1.6																													16	16	10	11	
52/ 51	10.6	8.9	1.6	1.6																												28	28	24	15	
50/ 49	4.1	6.5	1.6																													15	15	17	21	
48/ 47	5.7	1.8	1.6																													10	10	16	17	
46/ 45	7.3	10.6																														22	22	20	13	
44/ 43	6.5	2.4																														11	11	19	23	
42/ 41	.8																															1	1	1	7	
40/ 39						.8																										1	1	1	2	
38/ 37		1.6																														2	2			
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
TOTAL	43.1	40.0	6.5	1.6	.8																												123	123	123	123

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1075066	11454	93.1	8.321	123	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	206414	6114	49.7	4.530	123							90
Wet Bulb	294729	5993	48.7	4.729	123							90
Dew Point	283720	5870	47.7	5.419	123							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.66-72

SEP

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB.	W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69										.2																				1	1						
68/ 67					.2																									1	1						
66/ 65					.2		.2	.2																						3	3						
64/ 63					.2																									1	1						
62/ 61			.2	1.2	.2		.5	.3																						14	14		1				
60/ 59		.2	1.5	2.0	1.0		.5	.3																						23	33	6		3			
58/ 57		.5	6.1	3.3	1.0		.3																							68	68	26		10			
56/ 55	2.3	5.4	5.3	1.0																										85	86	69		41			
54/ 53	1.6	6.4	2.6	.2																										66	66	86		57			
52/ 51	1.0	5.8	3.1	1.2																										67	67	81		62			
50/ 49	2.3	7.6	3.0	.2																										79	80	82	109				
48/ 47	1.3	5.6	2.1	.2																										56	58	67		75			
46/ 45	2.0	6.1	.7																											53	53	68		70			
44/ 43	2.0	4.3	1.0	.2																										45	45	56		72			
42/ 41	.5	4.1	.5			.2																								32	38	40		42			
40/ 39	.2																													1	6	19		33			
38/ 37		.2																												1	1	4		20			
36/ 35																																			7		
34/ 33		.2																												1	1	2		5			
32/ 31		.2																												1	1	1		1			
30/ 29																																			1		
28/ 27																																			1		
26/ 25																																			1		
24/ 23																																			1		
TOTAL	14.1	53.1	124.7	2.4	1.6	1.0																											608	623	608		

Element (X)	Zx'	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum	4615937	52649	86.6	9.670	608	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	1634851	21907	51.2	5.773	623						
Wet Bulb	1492.63	29963	49.3	5.126	608						
Dew Point	1384345	28825	47.4	5.410	608						

USAFETAC FORM 0-26-5 (OLA) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4606-72

SEP

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.W. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
78/ 77																	.2																1	1		
76/ 75																		.3															1	1		
74/ 73												.2							.3														3	3		
72/ 71							.2		.2				.5							.2													6	6		
70/ 69							.6		1.3				.3		.8		.3																21	21		
68/ 67		.2		.2		1.1	1.1		1.1		.5		.2		.2		.2																22	22		
66/ 65		.2	1.1	1.1		1.4	1.4		1.4		1.4		.5																				38	38		
64/ 63		.2	1.6	2.4		2.4	2.4		.8		1.0		.5																				40	40		
62/ 61		1.3	2.4	3.2		3.2	3.2		1.0		.6																						53	53		
60/ 59		2.7	5.4	5.4		5.4	5.4		1.4		.5																						97	97		
58/ 57	.3	2.1	7.2	3.0		1.4																												88	88	
56/ 55	.3	1.9	4.5	3.5		.6																												68	68	
54/ 53	.5	2.7	2.7	2.1		.5		.2																										54	54	
52/ 51	.2	3.5	3.4	1.3		.3																												34	34	
50/ 49	.3	2.6	2.9	.3		.3																												40	40	
48/ 47	.3	1.6	1.6	.3																														25	26	
46/ 45	.2	.8	.3	.2																														9	9	
44/ 43	.2	.5	.2																															5	5	
42/ 41																																			6	
40/ 39																																				
38/ 37																																				
36/ 35																																				
34/ 33																																				
TOTAL	2.220	2.233	6.25	110.4	5.1	2.4																												625	626	
																																			625	625

Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3645919	47161	75.511.026	6.3	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	2110043	36143	57.7 6.103	6.26			7.8	.7			90
Wet Bulb	1787291	33281	52.2 4.918	6.25							90
Dew Point	1562256	31072	49.7 5.297	6.25							90

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PAGE 1 1200-1400

Temp. (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb Wet Bulb Dew Point		
80/ 79																.2																	3	3		
78/ 77																.2	.3	.3	.5	.5													10	10		
76/ 75									.2		.3		.3	.5	.2																		9	9		
74/ 73							.2	.3	1.7		.8		.7																				22	22		
72/ 71							.3	1.2	1.5	1.0	.3																						26	26		
70/ 69					.3	.8	3.0	2.2	2.3	.3	.2	.2																					56	56		
68/ 67				.5	1.5	2.3	3.1	.3	.3	.2																							50	50		
66/ 65				.8	1.7	2.5	2.0	.5	.2																								46	46		
64/ 63			.3	1.0	2.3	3.3	.3	.8																									49	49		
62/ 61			.5	2.2	3.8	3.1	2.0	.7	.2																								75	75		
60/ 59			1.3	2.5	4.3	3.0	1.7	.3																									79	79		
58/ 57			1.0	2.2	3.6	3.5	.8	.2																									70	70		
56/ 55			1.5	1.7	2.8	1.0	.2	.3																									45	45		
54/ 53			.5	1.8	1.8	.2																											26	26		
52/ 51			1.3	1.7	1.3																												26	26		
50/ 49			.8	.5	.2																												9	9		
48/ 47			.2	.2																													2	2		
46/ 45																																			9	9
44/ 43			.2																														1	1	2	47
42/ 41																																			1	34
40/ 39																																			15	3
38/ 37																																			5	5
36/ 35																																			2	2
34/ 33																																				
TOTAL																																			604	604

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2701904	39682	65.7	12.542	604	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	2379878	37706	62.4	6.566	604			26.2	6.6		90
Wet Bulb	1875364	33520	55.5	5.007	604			7			90
Dew Point	1547570	30378	50.3	5.718	604						90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-72

SEP

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. WB. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31															
82/ 81														.2																	1	1	
80/ 79									.5	.3																					5	5	
78/ 77											1.0	.2	.3																		9	9	
76/ 75						.5	.5	1.4	1.0	.8																					25	25	
74/ 73							.8	2.2	1.4																						26	26	
72/ 71					.2	.5	1.7	3.4	.3	.2																					37	37	
70/ 69			.3	.3	1.5	3.1	2.7	.2																							46	46	
68/ 67			.2	1.7	1.5	2.4	.5	.7	.2																						42	42	
66/ 65			.5	.7	2.2	2.9	.8	.3																							44	44	
64/ 63			1.4	1.4	4.2	2.5	1.4	.5																							67	67	
62/ 61	.5	1.5	2.9	2.7	2.4	1.4	.2																								68	68	
60/ 59	1.2	1.7	4.6	2.4	2.0	.8																									75	75	
58/ 57	1.2	1.5	2.9	2.0	.3																										47	47	
56/ 55	.2	1.2	1.7	.8	1.2																										30	30	
54/ 53	.8	2.4	1.0	1.0	.2																										32	32	
52/ 51	.2	1.5	.7																												14	14	
50/ 49	.7	1.5			.2																										14	14	
48/ 47	.7																														4	4	
46/ 45	.2																														1	1	
44/ 43																																	
42/ 41																																	
40/ 39																																	
38/ 37																																	
36/ 35																																	
34/ 33																																	
TOTAL	.2	6.5	14.3	17.1	120.0	18.8	15.1	5.9	1.5	.3																					389	389	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2454272	37174	63.1	13.5	589	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	90
Dry Bulb	2392139	37309	63.3	7.0	589			29.5	10.1	.6	90
Wet Bulb	1841163	32798	55.7	5.0	589			.9			90
Dew Point	1489128	29428	50.0	5.6	589						90

FORM 0-26-5 (CL A)
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,66-70,72

YEARS

SEP

PAGE 1 1800-2000

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77																																	2	2		
76/ 75																																	4	4		
74/ 73																																	5	5		
72/ 71																																	10	10		
70/ 69																																	1	10		
68/ 67																																	29	29		
66/ 65																																	18	18	3	
64/ 63																																	26	26	10	1
62/ 61																																	27	27	20	2
60/ 59																																	36	36	44	11
58/ 57																																	27	27	37	20
56/ 55																																	28	28	33	35
54/ 53																																	16	16	40	38
52/ 51																																	14	14	24	35
50/ 49																																	15	15	24	42
48/ 47																																	6	6	23	23
46/ 45																																	4	4	14	19
44/ 43																																	3	3	5	19
42/ 41																																			3	22
40/ 39																																				9
38/ 37																																				3
36/ 35																																				1
TOTAL	2.116	1.25	4.18	9.17	5.12	1.5	7	1.8	.4																								280	280	280	280

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	1469594	19928	71.213	598	280	0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	90
Dry Bulb	1028120	16892	60.2	7.051	280			19.3	3.5			90
Wet Bulb	842399	15287	54.6	5.282	280							90
Dew Point	717102	14052	50.3	5.641	280							90

REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

USAF ETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/SAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.72

SEP

PAGE 1 2100-2300

Temp (F)	0	1-2	3-4	5-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL O.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
64/ 63			3.0																											3	3			
62/ 61			2.0	2.0																										5	5	1		
60/ 59		4.0	4.0	1.0																										9	9	4	1	
58/ 57	1.0	3.0	3.0	1.0																										10	10	9	5	
56/ 55	5.0	6.9	2.0																											14	14	15	14	
54/ 53	4.0	14.9																												19	19	19	13	
52/ 51	5.0	5.0	1.0	1.0																										12	12	17	24	
50/ 49	2.0	4.0																												6	6	7	13	
48/ 47	4.0	7.9	2.0	1.0																										15	15	11	7	
46/ 45	2.0	3.0		1.0																										6	6	10	7	
44/ 43		1.0																												1	1	4	10	
42/ 41																																	2	2
40/ 39		1.0																													1	1	1	2
38/ 37																																	1	
36/ 35																																		2
34/ 33																																		1
TOTAL	22.850	519.0	0.9																												101	101	101	101

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	811773	9013	89.2	8.645	101	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	90
Dry Bulb	289433	5383	53.3	5.032	101							90
Wet Bulb	271107	5211	51.6	4.744	101							90
Dew Point	256154	5060	50.1	5.151	101							90

FORM 0 26.5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

34172
STATION

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46

7E 465

200

PAGE 1 C000-1.200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B	Dry Bulb	Wet Bulb	Dew P		
54/ 53	5.7																																	5	5	5	5		
52/ 51	4.5																																	4	4	4	4		
50/ 49	4.5	3.4																																7	7	4	4		
48/ 47	1.1	5.7																																5	6	7	5		
46/ 45	1.1	1.1	2.3																															4	4	3	5		
44/ 43	1.1	5.7																																6	6	8	2		
42/ 41	1.1	5.7																																6	7	2	6		
40/ 39	5.4	6.8	2.3																															11	13	8	8		
38/ 37	8.0	6.8																																1	13	16	10		
36/ 35	4.5	4.5																																8	8	12	13		
34/ 33	6.8																																	6	6	7	11		
32/ 31	4.5																																	4	4	4	7		
30/ 29	2.3																																	2	2	2	2		
28/ 27	3.4																																	3	3	3			
26/ 25	3.4																																	3	3	3	4		
24/ 23																																					2		
TOTAL	55.7	39.8	4.5																															68		91	88		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Rel. Hum.	798852	8366	95.1	6.252	88							93
Wet Bulb	52760	3670	40.3	7.265	91		12.3					93
Wet Bulb	143133	3491	39.7	7.306	88		12.7					93
Dew Point	138545	5429	36.0	7.528	98		15.9					93

34172	ANSBACH AAF GERMANY/KATTERBACH
STATION	STATION NAME

45,71

ECT

PAGE 1 0300-0500

PAGE 1 0300-0500

JSAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING SECTION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AFB GERMANY/KATTERBACH 46,65-72

CGT

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL DB, WB		TOTAL Dry Bulb Wet Bulb Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
62/ 61					.2																												1	1		
60/ 59				.2	.4																												6	6		
58/ 57			.8	1.4	.3																												16	16	4	
56/ 55	.5	1.7	1.1					.3																									23	23	16	7
54/ 53	1.7	5.0	.3	.2																													47	47	44	31
52/ 51	2.1	7.7	1.4	.2																													80	82	64	55
50/ 49	2.4	5.0	1.5	.5	.2																												63	63	53	60
48/ 47	1.1	6.6	1.7	.3																													64	64	63	35
46/ 45	1.8	6.0	1.2	.3																													62	64	61	61
44/ 43	2.0	6.5	1.2	.3																													66	67	73	74
42/ 41	1.4	4.4	.9	.2	.2																												46	48	60	67
40/ 39	3.0	2.9	.6	.2																													44	46	55	51
38/ 37	1.5	2.1	1.1																														31	34	33	43
36/ 35	2.0	.2	.9																														40	41	37	34
34/ 33	2.1	.0	.3																														29	29	40	43
32/ 31	.3	1.8	.2																														15	20	19	24
30/ 29	.8	1.1	.2																														13	14	21	27
28/ 27	.2	.2																															2	.2	4	12
26/ 25	1.1	.5																															10	10	11	14
24/ 23	.9	.2																															7	7	5	8
22/ 21																																			1	8
20/ 19																																				2
TOTAL	24,557	314.0	3.0	.6																														665	684	665

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5375822	59484	89.6	9.101	665	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	1389646	30370	44.4	7.707	684		7.2				93
Wet Bulb	1271684	28652	43.1	7.484	565		8.7				93
Dew Point	1190545	27637	41.6	7.950	665		13.3				93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

OCT

PAGE 1 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL DB	TOTAL WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69																													2	2			
68/ 67																													2	2			
66/ 65																													5	5			
64/ 63																													5	5			
62/ 61																													23	23			
60/ 59																													29	29	5	1	
58/ 57																													41	41	16	1	
56/ 55																													53	53	43	10	
54/ 53																													75	75	68	53	
52/ 51																													71	71	73	60	
50/ 49																													74	74	59	77	
48/ 47																													64	64	90	51	
46/ 45																													58	58	61	74	
44/ 43																													59	60	72	64	
42/ 41																													62	63	63	85	
40/ 39																													37	38	59	45	
38/ 37																													21	21	46	41	
36/ 35																													16	16	30	51	
34/ 33																													9	9	11	47	
32/ 31																													4	4	10	29	
30/ 29																													5	5	5	15	
28/ 27																													3	3	4	8	
26/ 25																															1	3	
24/ 23																																2	
20/ 19																																1	
TOTAL	11.439	0.27	0.13	0.4	0.4	1.7	0.3																						718	721	718	718	

Element (X)	Zx'	Zx	X	No. Obs.	Mean No. of Hours with	Temperature	Total
Rel. Hum.	4898085	58611	81.6	12,588	718	≤ 0 F	93
Dry Bulb	1750105	35115	48.7	7,444	721	≤ 32 F	93
Wet Bulb	1540110	32910	45.8	6,645	718	≤ 67 F	93
Dew Point	1368017	30915	43.1	7,175	718	≤ 73 F	93
						≤ 80 F	
						≤ 93 F	

FORM 0-26-5 (OLA) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS SGT
MONTH

PAGE 1 1200-1400
HOURS 5 7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77																	.1																1	1		
76/ 75																.3																	2	2		
74/ 73													.4		.1																	4	4			
72/ 71												.3																				2	2			
70/ 69										.1		.4		.1																		5	5			
68/ 67						.4	1.3		.3																							14	14			
66/ 65			.1	.9	1.3	1.3		.7						.1																		31	31			
64/ 63			.1	1.6	1.7	1.3		.4		.3																						38	38		3	
62/ 61			1.3	3.7	1.4	1.6		.1																								59	59		6	
60/ 59		1.3	2.0	1.7	1.3		.4	.3																								49	49		20	
58/ 57		1.6	2.7	2.6	1.3		.7																									62	62		58	
56/ 55	.4	2.4	2.3	.4	1.7		.6																									80	80		84	
54/ 53	.3	3.4	2.1	1.6	1.6		.4																									68	68		74	
52/ 51	.2	1.8	3.0	1.1	1.6		.9	.1																								62	62		78	
50/ 49	.3	2.3	2.7	3.0	.7		.3																									65	65		77	
48/ 47	.1	1.3	2.4	1.1	1.3																											44	44		68	
46/ 45	.1	2.0	1.3		.7		.3																									31	31		56	
44/ 43	.7	2.0	.4	.9																												28	29		60	
42/ 41	.7	2.3	.6	.3																												27	27		47	
40/ 39	.6	1.1	.1																													13	13		36	
38/ 37	.4	.7	.4	.1																												12	12		20	
36/ 35	.1	.3	.2	.1																												6	6		10	
34/ 33		.1		.1																												2	2		2	
32/ 31																																			4	
30/ 29																																			2	
28/ 27																																				
26/ 25																																				
24/ 23																																				
22/ 21																																				
20/ 19																																				
TOTAL	4.1	22.6	22.4	23.1	14.5	9.1	3.1	.9	.2																								705	706	705	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 AINSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS COT

PAGE 1 1500-1700

Temp (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79																	.2																1	1		
79/ 77													.2	.2																			2	2		
76/ 75													.2																				2	2		
74/ 73													.6																				4	4		
72/ 71													.3	.2																			3	3		
70/ 69													.2																				6	6		
68/ 67													1.1	2.1	.3						.2											24	24			
66/ 65													2.0	1.7	1.1	.2	.2															38	38		1	
64/ 63													1.4	2.7	.5	.2	.2															33	33		4	
62/ 61													.2	1.7	3.0	1.5	.2	.3	.2													33	32		8	
60/ 59													1.5	2.1	3.5	1.2	1.4															66	67		18	
58/ 57													.8	2.4	2.7	1.5	1.1	.3														58	58		77	
56/ 55													3.3	2.4	2.9	1.1	.5	.3														69	70		66	
54/ 53													.2	2.1	1.7	1.7	2.0	.2														51	51		83	
52/ 51													.3	2.3	2.1	2.1	1.4	.3														56	56		72	
50/ 49													1.4	3.0	1.5	1.2	.5															50	50		64	
48/ 47													1.5	2.1	1.2																	32	32		59	
46/ 45													.2	2.0	1.4	.8	.3															30	30		56	
44/ 43													.3	1.5	.9	.3																20	20		45	
42/ 41													1.1	.8	.6	.5																19	20		39	
40/ 39													.6	1.7	1.2		.3															25	26		22	
38/ 37													.6	1.2	.5	.3																17	17		24	
36/ 35													.5																				3	3		18
34/ 33																																				3
32/ 31																																				3
30/ 29																																				
28/ 27																																				
26/ 25																																				
22/ 21																																				
20/ 19																																				
TOTAL	3,220	522	122	5	16	6	9	4	4	5	.8	.3	.2																			666	666		662	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	3498387	47137	71.2	14.5	662	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	2039435	36439	54.7	8.2	666			5.9	1.3		93
Wet Bulb	1656363	32823	49.6	6.6	662		4				93
Dew Point	1375702	29804	45.0	7.1	662		4.4				93

PSYCHROMETRIC SUMMARY

YEARS

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MONTH

PAGE 1 1800-2000
HOURS 1 5 7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71																												1	1						
70/ 69																												3	3						
68/ 67																												6	6						
66/ 65																												7	7						
64/ 63																												5	5						
62/ 61																												8	8	5					
60/ 59																												23	23	5	1				
58/ 57																												23	23	16	3				
56/ 55																												27	28	29	11				
54/ 53																												27	27	37	28				
52/ 51																												21	22	28	30				
50/ 49																												29	29	21	44				
48/ 47																												14	15	18	24				
46/ 45																												26	26	24	13				
44/ 43																												17	17	26	12				
42/ 41																												21	21	33	29				
40/ 39																												16	16	18	39				
38/ 37																												17	17	18	22				
36/ 35																												9	9	13	17				
34/ 33																												8	8	8	13				
32/ 31																														7	8				
30/ 29																												4	4	5	9				
28/ 27																															3				
26/ 25																															3				
24/ 23																															3				
TOTAL	8.7	28.9	28.2	16.3	3.5	4.2	.2																					312	315	312	314				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of hours with Temperature						Total
Rel. Hum.	2035565	25221	80.8	12.265	312	≤ 0 F	≤ 32 F	≤ 67 F	≤ 71 F	≤ 80 F	≤ 93 F	
Dry Bulb	807474	15704	49.9	8.843	215		1.2	3.0				93
Wet Bulb	699411	14577	46.7	7.683	312		3.6					93
Dew Point	618795	13681	43.8	7.794	312		7.7					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

24172 ANSBACH AAF GERMANY/KATFERBACH 46,72

YEARS

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Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15	16-17	18	19-20	21-22	23	24	25	26-27	28	29-30	31	TOTAL DB, W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53	3.0																					3	3	3	3
52/ 51	1.0	3.0																				4	4	3	1
50/ 49	5.1	4.0	1.0																			10	10	7	8
48/ 47	2.0	1.0	1.0																			4	4	5	5
46/ 45	1.0	6.1	2.0																			9	10	3	3
44/ 43	1.0	8.1	1.0	1.0																		11	12	9	1
42/ 41		7.1	1.0																			8	9	12	11
40/ 39	8.1	10.1	1.0																			19	19	15	19
38/ 37	4.0	2.0																				6	7	15	13
36/ 35	5.1	2.0	1.0																			8	8	9	12
34/ 33	4.0																					4	4	4	7
32/ 31	4.0		1.0																			5	5	5	6
30/ 29	3.0																					3	3	4	3
28/ 27	2.1																					5	5	5	2
26/ 25																									4
24/ 23																									1
TOTAL	46,543.4	9.1	1.0																			99	103	99	99

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	332940	9143	92.4	8.822	99	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	99
Dry Bulb	178154	4230	41.1	6.595	103		11.7					99
Wet Bulb	162872	3964	40.0	6.509	99		13.2					99
Dew Point	134025	3847	38.9	6.803	99		15.0					99

PSYCHROMETRIC SUMMARY

YEARS NOV 1954

PAGE 1 0000-0200

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	W.B.	Dry Bulb	Wet Bulb	Dew Point		
46/ 45		1.1																																1	1	1			
44/ 43																																		9	9	6	4		
42/ 41	3.3	6.7																																5	5	5	5		
40/ 39	1.1	4.4																																15	15	15	12		
38/ 37	3.9	7.8																																9	9	10	14		
36/ 35	6.7	3.3																																1	1	3	2		
34/ 33	1.1																																	13	13	12	12		
32/ 31	11.1	3.3																																29	29	30	32		
30/ 29	32.2																																	5	5	5	5		
28/ 27	5.9																																	2	2	2	2		
26/ 25	2.2																																	1	1	1	3		
24/ 23	1.1																																		90	90	90	90	
TOTAL	73,326.7																																						

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of hours with Temperature						Total
						50 F	53 F	57 F	73 F	80 F	93 F	
Rel. Hum.	851432	8748	97.2	4.161	90							90
Dry Bulb	104050	3030	33.7	4.799	90		50.0					90
Wet Bulb	101948	3032	33.8	4.513	90		50.0					90
Dew Point	99388	2964	32.9	4.464	90		32.0					90

34172
STATIO

ANSBACH AAF GERMANY/KATTERBACH
STATION NAME

46, 71

YFARS

NOV
1954

PAGE 1 C300-0500
B2-185 5 *

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
40/ 45	.9	2.8																4	4	3	2														
44/ 43		.9																1	1	1	1														
42/ 41		2.8																3	5	3	2														
40/ 39	1.9	10.4	.7															14	19	8	4														
38/ 37	6.6	4.7																12	13	18	17														
26/ 35	8.3	8.3																18	19	17	15														
34/ 33	2.8	.9																4	12	6	15														
32/ 31	6.6	4.7																12	12	10	6														
30/ 29	24.5																	26	26	29	32														
28/ 27	6.6																	7	7	7	5														
26/ 25	1.9																	2	2	2	3														
24/ 23	1.9																	2	2	2	3														
20/ 19	.9																	1	1	1															
18/ 17																					1														
TOTAL	63,235.8	.9																106	123	106	106														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	980521	10183	96.1	4.660	106	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	148382	4226	34.4	5.110	123		36.6					90
Wet Bulb	121449	3551	33.5	4.870	106		42.5					90
Dew Point	117421	3471	32.9	4.829	106		42.5					90

PSYCHROMETRIC SUMMARY

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PAGE 1 C600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB, WB	Dry Bulb	Wet Bulb	Dew Point														
58/ 57				.3														2		2															
56/ 55				.3														2		2															
54/ 53				.5														3		3															
52/ 51			.7															4		4	3														
50/ 49		1.2	.5	.2														11	11		4														
48/ 47		1.5	1.7	.5														22	22	12	6														
46/ 45	.5	3.4	.9	.2														29	29	18	17														
44/ 43	.3	4.4	1.7	.2														39	39	35	14														
42/ 41	1.7	5.5	1.4															50	51	49	37														
40/ 39	1.0	6.3	1.5															52	54	55	47														
38/ 37	3.9	5.8	.7															61	65	70	68														
36/ 35	2.1	6.0	.5															50	55	45	62														
34/ 33	2.6	6.7	.9															59	68	64	59														
32/ 31	4.1	5.6																52	64	61	68														
30/ 29	5.8	5.1	.3															66	66	76	71														
28/ 27	3.1	4.3	.3															45	46	42	38														
26/ 25	.5	3.1																21	22	34	38														
24/ 23	.3	1.2																9	9	11	25														
22/ 21		.3																2	2	6	23														
20/ 19																					8														
18/ 17																					2														
16/ 15																					1														
12/ 11																					1														
TOTAL	26,060,711.1	2.2																585	614	585	585														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Rel. Hum.	4650829	51927	88.8	8.437	585							
Dry Bulb	827658	22168	36.1	6.673	614		30.6					90
Wet Bulb	735879	20427	34.9	6.222	585		35.4					90
Dew Point	665229	19365	33.1	6.437	585		42.3					90

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 9-77

JSAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46.65-72

NDV

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																				
60/ 59				.2	.3																												3	3			
58/ 57					.2		.2																											5	5		
56/ 55			.2	.2					.3																									4	4		
54/ 53				.3	.2	.3				.2	.2																							9	9	3	
52/ 51				.5	.5	.2																												8	8	6	
50/ 49			.3	1.4	1.2	.2																												20	20	4	
48/ 47			1.2	3.1	.5																														35	35	15
46/ 45		.2	4.6	1.7	.2																														43	43	36
44/ 43		.8	4.6	2.0	.2																														49	49	63
42/ 41	1.1	3.7	2.6																																61	63	60
40/ 39	1.7	5.9	.9	.2																															56	56	52
38/ 37	1.4	6.3	1.2	.5																															61	64	69
36/ 35	1.1	3.6	.5																																33	38	47
34/ 33	3.4	6.3	1.1	.2																															71	76	57
32/ 31	4.2	6.5	.5	.2																															73	75	87
30/ 29	3.3	4.6	.3																																53	54	61
28/ 27	1.5	3.9	.3																																37	39	50
26/ 25	.2	1.7																																	12	12	15
24/ 23		.6																																	4	4	8
22/ 21	.2	.3																																	3	3	6
20/ 19	.3	.5																																	4	4	3
18/ 17		.3																																	2	2	4
16/ 15																																					
14/ 13																																					
12/ 11																																					
TOTAL	19.257	716.6	4.8	.9	.6	.2																													646	666	646

Element (X)	ΣX	ΣX^2	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4781797	55145	85.4	10.741	646	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 73 F$	90
Dry Bulb	979809	25053	37.6	7.498	646		26.1					90
Wet Bulb	863226	23216	35.9	6.692	646		32.6					90
Dew Point	754970	21644	33.3	6.797	646		40.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

YEARS

NOV

PAGE 1 1200-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	TOTAL D.B. WB	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
58/ 67							.2											1	1		
64/ 63						.2												1	1		
62/ 61						.2	.5											4	4		
60/ 59					.3	.5	.6											9	9		
58/ 57		.3	.2	.5	.3	.6												13	13	1	
56/ 55				.2	1.4													10	10	4	
54/ 53		.2	.2	1.2	.5													13	13	6	2
52/ 51			.2	1.4	2.3													22	25	8	1
50/ 49			.6	2.6	1.2	.3												31	31	16	5
48/ 47	.2	1.1	3.4	.5														33	33	39	11
46/ 45	.3	5.0	2.5	1.2	.3													60	61	42	14
44/ 43	.9	5.1	3.1	.2														60	64	79	44
42/ 41	.9	4.0	3.6	.6														59	60	50	78
40/ 39	1.1	2.6	2.5	.5														43	44	64	71
38/ 37	.6	3.6	2.8	.5	.2													49	51	52	48
36/ 35	.8	3.7	1.7	.2														41	44	44	54
34/ 33	2.3	8.3	1.2															76	79	63	62
32/ 31	3.4	3.9	.6															51	53	84	91
30/ 29	1.7	2.6	.3															30	30	39	59
28/ 27	.6	2.5																20	20	28	21
26/ 25	.2	.3	.3															6	6	12	27
24/ 23		.9																6	6	5	25
22/ 21		.2																1	1	6	10
20/ 19																					9
18/ 17																					5
16/ 15																					3
14/ 13																					2
TOTAL	13.1	145.3	226.5	9.0	4.2	1.9												642	659	642	642

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4314256	52026	81.0	12.378	642	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	
Dry Bulb	1120753	26639	40.4	8.170	659		15.8	.1				90
Wet Bulb	954751	24351	37.9	6.968	642		24.4					90
Dew Point	807905	22333	34.8	6.940	642		35.3					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 4625572

YEARS

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL DB W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
64/ 63					.2	.2												2	2
62/ 61					.2	.2	.2											3	3
60/ 59					.3	.3	.7	.3										10	10
58/ 57			.2	.2	.2	.2												5	5
56/ 55		.2	.2	.7	1.0													12	12
54/ 53		.5	.5	.7	.8													21	21
52/ 51			1.8	1.5	.2													21	21
50/ 49		.8	3.0	1.2	.5													24	34
48/ 47		.7	1.8	1.3		.2												24	25
46/ 45	.2	3.3	2.2	.8	.5													42	42
44/ 43	.7	4.8	2.5	.5	.2													51	55
42/ 41	1.8	6.8	3.2	.2														72	75
40/ 39	.5	3.2	3.2		.5													44	44
38/ 37	.7	5.7	1.8	.7														53	54
36/ 35	1.5	4.8	1.2	.5														48	49
34/ 33	1.3	4.3	1.2															41	41
32/ 31	3.2	4.7	.5															32	54
30/ 29	2.3	2.0	.5															29	31
28/ 27	.8	2.2	.2															19	19
26/ 25	.5	1.0	.5															12	12
24/ 23	.5	.2																4	4
22/ 21																			
20/ 19																			
18/ 17																			
16/ 15																			
14/ 13																			
12/ 11																			
TOTAL	14.045	224.510	0	4.5	1.2	.5												599	613

Element (X)	$\Sigma x'$	Σy	\bar{x}	\bar{y}	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4048287	48661	31.2	12.618	599	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90
Dry Bulb	1041366	24770	40.4	8.131	613		17.0					90
Wet Bulb	89062	22720	37.9	6.879	599		23.4					90
Dew Point	753319	20841	34.8	6.867	599		34.6					90

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 1 1800-2000
HQ 185 5 *

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61					.4													1	1																
58/ 57			.4		.4	.4												3	3																
56/ 55																				1															
54/ 53				.4	.4													2	2	1															
52/ 51		.4	1.2	.4														5	5		1														
50/ 49		.4	3.2	.8														11	11	4	2														
48/ 47		1.2	3.6															12	12	11	1														
46/ 45	.4	2.8	1.2															11	11	10	9														
44/ 43	.8	4.0	1.2	.4														16	16	22	11														
42/ 41	.8	5.6	1.6	1.2														23	32	12	18														
40/ 39	4.0	8.0	2.8															37	38	31	22														
38/ 37	3.2	3.2	1.2															19	19	35	34														
36/ 35	2.4	9.2	.8															31	31	25	23														
34/ 33	3.2	1.2																11	11	26	31														
32/ 31	7.6	6.0	.4															35	38	29	39														
30/ 29	6.0	2.8																22	22	26	30														
28/ 27	2.4	1.2																9	9	14	9														
26/ 25		.4																1	1	2	12														
24/ 23	.4	.4																2	2	1	6														
22/ 21																				1	2														
16/ 15																					1														
TOTAL	31.1	46.6	17.5	3.2	1.2	.4												251	264	251	251														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1961415	22029	87.8	10.591	251	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	398948	10102	38.3	6.863	264		24.5					90
Wet Bulb	346874	9208	36.7	6.025	251		26.2					90
Dew Point	310940	8712	34.7	5.849	251		35.5					90

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

34872
STATION

46.72

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS 3-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wc	Bulb	Dew Point										
48/ 47			.9															1	1													
46/ 45			.9	.9														2	2			1										
44/ 43		.9	3.7															5	5			4	2									
42/ 41	1.8	1.8	1.8															6	9			5	7									
40/ 39	7.3	8.3			.9													18	20			13	9									
38/ 37	5.5	6.4	2.8															16	17			19	14									
36/ 35	3.7	.9																5	5			7	12									
34/ 33	2.8	1.8																5	3			8	5									
32/ 31	15.6	3.7																21	23			18	21									
30/ 29	16.5	.9	.9															20	20			22	25									
28/ 27	3.7	2.8																7	7			6	4									
26/ 25	1.8	.9																3	3			6	4									
24/ 23																							5									
22/ 21																							1									
TOTAL	59.6	33.0	6.4	.9														109		117		109	109									

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	967327	10222	92.8	8.882	109	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	146019	4089	34.9	5.181	117		40.8					90
Wet Bulb	128907	3711	34.0	4.871	109		42.9					90
Dew Point	121722	3598	33.0	5.231	109		49.5					90

PSYCHROMETRIC SUMMARY

46

DEC
MONTH

PAGE 1 0000-0200
HOURS 11.5 T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
42/ 41			3.4															3	3															
40/ 39	1.1	2.3																3	3	6	2													
38/ 37																					4													
36/ 35	1.1	3.4																4	4	3														
34/ 33	10.3	1.1																10	10	10	11													
32/ 31	19.5	1.1																18	18	18	19													
30/ 29	13.8	2.3																14	14	14	15													
28/ 27	5.7																	5	5	6	4													
26/ 25																					2													
20/ 19		4.6																4	4	1														
18/ 17	5.7	1.1																6	6	9														
16/ 15	2.3																	2	2	2	5													
14/ 13	2.3																	2	2	2	7													
12/ 11	3.4	2.3																5	5	3	2													
10/ 9	5.7	2.3																7	7	8	1													
8/ 7	4.6																	4	4	5	3													
6/ 5																					7													
4/ 3																					5													
TOTAL	75.9	24.1																	87		87	87												
								</																										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PA

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,71

YEARS

DEC

PAGE 1 0300-0500

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/ 47			2.7																3		3														
46/ 45			1.8																2.		2.														
44/ 43																						3													
42/ 41		.9	1.8																3.		3.	2.													
40/ 39			2.7																3		4	3													
38/ 37			1.8																2.		5	3													
36/ 35		.9	1.8	0															12		12	4													
34/ 33		6.4	4.5																12		13	17													
32/ 31		13.6																	15		16	18													
30/ 29		11.8	2.7																16		18	13													
28/ 27		5.5																	6		6	9													
26/ 25		.9																	1.		1.	1.													
22/ 21		.9	1.8																3		3	1													
20/ 19		1.8	2.7																5		5	5													
18/ 17																						2													
16/ 15		6.4	.9																8		8	7													
14/ 13		2.7																	3		2	4													
12/ 11		3.6	.9																3		5	4													
10/ 9		2.7	1.8																5		5	6													
8/ 7		5.5																	6		6	6													
6/ 5																																			
4/ 3																																			
TOTAL	63.6	36.4																																	
																			110		119	110													

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	948299	10183	92.6	7.25	110	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	104456	3308	27.8	10.292	119		59.4					93
Wet Bulb	89970	2942	26.7	10.175	110		64.3					93
Dew Point	84504	2788	25.3	11.269	110		65.1					93

USAFETAC FORM JUL 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)



USAFETAC

<u>34172</u>	<u>ASSBACH AAF GERMANY/KATTERBACH</u>	<u>46,65-72</u>
STATION	STATION NAME	

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 0900-1100
HOURS 11.5.1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B	W.B	Dry Bulb	Wet Bulb	Dew Point													
52/ 51				.1														1	1																
50/ 49		1.0		.2														9	9																
48/ 47		.4	.1															4	4		7														
46/ 45		1.2	.2															11	11		6	9													
44/ 43	.1	1.2	.7	.3														16	16	12	8	8													
42/ 41	.1	2.7	1.0	.4														29	29	16	8	8													
40/ 39	.4	2.8	.7															27	30	29	17	17													
38/ 37	.6	2.7	.7															27	29	31	26	26													
36/ 35	1.0	6.1	1.0															53	60	32	26	26													
34/ 33	2.7	9.0	.7															84	89	50	54	54													
32/ 31	3.7	8.7	.9															90	93	90	91	91													
30/ 29	4.6	7.3																82	83	104	86	86													
28/ 27	4.3	3.1																50	50	70	65	65													
26/ 25	2.0	2.7																38	40	40	68	68													
24/ 23	3.1	2.2																36	36	28	57	57													
22/ 21	1.2	3.4																31	31	30	29	29													
20/ 19	.6	2.1																18	19	24	18	18													
18/ 17	1.0	1.6																18	19	21	20	20													
16/ 15	1.3	.9																15	15	18	22	22													
14/ 13	.9	.7																11	11	11	22	22													
12/ 11	.7	.6																9	9	10	14	14													
10/ 9	.9	.1																7	7	8	9	9													
8/ 7	.7	.1																6	6	7	11	11													
6/ 5	.2																	2	2	2	7	7													
4/ 3																					6	6													
2/ 1																					1	1													
0/ .1																					2	2													
TOTAL	31.4	61.1	6.4	1.2														676	699	676	93	93													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5209886	39086	87.4	8.206	676	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	684439	21089	30.2	8.308	699		56.0					93
Wet Bulb	611144	19610	29.0	7.914	676		63.7					93
Dew Point	531965	18065	26.7	8.538	676	.3	72.6					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point												
54/ 53						.0																											4	4	
52/ 51						.2																											1	1	
50/ 49			.6	.3																														6	6
48/ 47			.2	.3	.2	.2																											5	5	
46/ 45			1.2	.2	.3																												11	11	
44/ 43			1.7	1.7	.6																												26	26	
42/ 41			3.2	2.1	.3																												37	37	
40/ 39			1.5	1.5	.3																												22	24	
38/ 37	.2	4.0	1.2																														35	35	
36/ 35	.9	7.2	1.4		.2																												64	67	
34/ 33	1.2	10.8	1.8		.2																												92	96	
32/ 31	3.7	8.2	1.4																														87	89	
30/ 29	2.9	7.0		.5																													68	68	
28/ 27	2.9	3.4		.5																													44	45	
26/ 25	2.6	3.6																															42	42	
24/ 23	1.5	3.0																															30	30	
22/ 21	.8	3.2		.2																													27	27	
20/ 19	.5	2.6		.2																													21	21	
18/ 17	.8	1.1																															12	12	
16/ 15	1.1	.3																															9	9	
14/ 13	.9	.5																															9	9	
12/ 11		.3																															2	2	
10/ 9	.2	.2																															2	2	
8/ 7																																			
6/ 5																																			
4/ 3																																			
TOTAL	20.0	64.0	13.1	2.0	.9																												656	656	

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4745944	55416	84.5	9.934	656	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	708287	21147	31.7	7.630	656		49.6				93
Wet Bulb	626849	19743	30.1	7.049	656		59.8				93
Dew Point	527912	17918	27.3	7.667	656		71.9				93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-72
STATION STATION NAME

DEC
MONTH

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
56/ 55																		1	1																		
54/ 53																		2	2																		
50/ 49			.3	.6														6	6																		
48/ 47		.3	.3	.3	.2													7	7	7	2																
46/ 45			.6	.2														5	5	7	4																
44/ 43		.3	1.9	.6	.5													21	21	8	6																
42/ 41		.2	2.3	2.2	.3													32	32	20	9																
40/ 39		.2	3.4	2.5														39	41	20	17																
38/ 37		.3	4.3	1.2														38	38	49	21																
36/ 35		.9	6.2	.9	.3													54	55	55	39																
34/ 33		3.2	9.1	2.6	.2													98	101	70	57																
32/ 31		4.3	7.1	1.1														81	81	100	95																
30/ 29		3.1	5.6	.8														61	63	79	83																
28/ 27		3.9	4.5	.2														55	55	65	53																
26/ 25		2.8	3.1															38	38	47	59																
24/ 23		1.7	4.0															37	37	34	65																
22/ 21		.5	3.4	.5														28	29	27	37																
20/ 19		.3	2.0															15	15	16	22																
18/ 17		.5	.9															9	10	22	21																
16/ 15		1.2	.8															13	13	12	17																
14/ 13		.5	.3															5	5	6	12																
12/ 11		.5																3	3	4	13																
10/ 9																					9																
8/ 7																					5																
6/ 5																					2																
TOTAL	24.5	60.0	13.6	1.4	.3	.2												648	638	648	648																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	4796344	55412	85.5	9.463	648	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	693353	20805	31.6	7.354	658		49.3					93
Wet Bulb	624208	19518	30.3	6.841	648		59.1					93
Dew Point	531219	17913	27.6	7.464	648		70.6					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34172 ANSBACH AAF GERMANY/KATTERBACH 46,65-66,68-70,72
STATION STATION NAME YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55																			1	1															
54/ 53																			1	1															
50/ 49				.3	.3														2	2															
48/ 47				.7															2	2		1													
46/ 45				.7	1.0														5	5		5													
44/ 43				.7															2	2		5													
42/ 41		1.0	.7	.7	.3														6	8		5													
40/ 39		.3	3.8	1.4															16	16		4													
38/ 37		1.7	4.5	1.0															21	21		19													
36/ 35		.3	3.1																10	10		20													
34/ 33		2.8	10.0	1.4															41	41		29													
32/ 31		10.3	7.2																51	51		57													
30/ 29		4.8	5.0																31	31		34													
28/ 27		3.1	3.4	.3															20	20		22													
26/ 25		2.4	2.4																14	14		18													
24/ 23		2.8	3.1																17	17		15													
22/ 21		3.1	.7																11	11		19													
20/ 19		1.7	1.0																8	8		8													
18/ 17			1.0																3	3		2													
16/ 15		1.7	1.0																8	8		8													
14/ 13		1.0	2.1																9	9		9													
12/ 11		1.0	1.0																6	6		5													
10/ 9		.3	.7																3	3		4													
8/ 7																						1													
6/ 5																																			
4/ 3																																			
2/ 1																																			
TOTAL	38.6	54.1	6.2	.3	.3	.3														290	290		290												

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2271734	25530	38.0	9.153	290	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	281878	8724	30.1	8.201	290		58.0				93
Wet Bulb	262387	8433	29.1	7.706	290		64.8				93
Dew Point	229704	7790	26.9	8.412	290		76.0				93

PSYCHROMETRIC SUMMARY

YEARS DEC MONTH

PAGE 1 2100-2300
HOURS - S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
44/ 43			2.2															2	2	1															
42/ 41			1.1															1	1	1	1														
40/ 39																				1	2														
38/ 37			7.7															7	7	2															
36/ 35	1.1			1.1														2	2	6	5														
34/ 33	4.4	4.4																8	8	6	5														
32/ 31	22.0	4.4																24	24	27	27														
30/ 29	9.9	2.2																11	11	11	12														
28/ 27	1.1																	1	1	1	2														
26/ 25																					2														
24/ 23				1.1														1	1																
22/ 21	4.4	3.3																7	7	5	4														
20/ 19	4.4																	4	4	7															
18/ 17	3.3																	3	3	3	4														
16/ 15	2.2																	2	2	2	4														
14/ 13		2.2																2	2	1	3														
12/ 11	2.2	5.5																7	7	6	2														
10/ 9	9.9																	9	9	11															
8/ 7																					10														
6/ 5																					6														
4/ 3																					2														
TOTAL	64.8	33.0	2.2															91	91	91	91														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

STATION		STATION NAME												YEARS											
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	21.1	19.4	35.4	43.8	50.6	52.2	58.4	55.9	51.4	40.3	33.7	25.7	40.4											
	S D	11,240	7,104	8,185	5,870	5,315	4,671	4,556	4,836	4,253	7,265	4,799	9,843	14,745											
	TOTAL OBS	93	81	90	90	54	86	87	93	90	91	90	87	1032											
03-05	MEAN	22.1	21.2	33.3	42.0	47.9	51.3	57.0	55.4	49.7	40.3	34.4	27.8	40.4											
	S D	11,702	8,397	8,783	6,283	5,286	4,852	5,492	5,684	4,530	7,886	5,110	10,292	14,082											
	TOTAL OBS	125	100	130	90	98	132	127	126	123	128	123	119	1421											
06-08	MEAN	26.2	29.8	33.9	41.2	49.4	55.7	59.3	57.3	51.2	44.4	36.1	29.1	42.9											
	S D	9,883	9,088	7,230	7,438	5,963	6,565	6,586	6,010	5,773	7,767	6,673	8,475	13,488											
	TOTAL OBS	594	565	648	572	609	615	607	660	623	684	614	676	7467											
09-11	MEAN	27.5	31.6	37.5	46.6	55.8	61.6	65.5	63.1	57.7	48.7	37.6	30.2	46.9											
	S D	9,700	9,616	8,078	8,875	7,603	7,897	7,953	6,954	6,103	7,444	7,498	8,308	15,449											
	TOTAL OBS	640	570	645	569	615	624	627	659	626	721	666	699	7661											
12-14	MEAN	30.2	34.9	41.7	50.9	60.1	65.1	69.3	66.8	62.4	54.0	40.4	31.7	50.5											
	S D	9,176	9,242	8,978	10,110	8,812	8,701	8,916	7,781	6,566	7,749	8,170	7,630	16,128											
	TOTAL OBS	617	564	642	572	616	610	606	625	604	706	659	668	7489											
15-17	MEAN	30.6	35.9	42.8	52.6	61.3	65.9	70.4	68.0	63.3	54.7	40.4	31.6	51.3											
	S D	8,904	9,101	9,238	10,139	9,156	9,344	9,393	8,071	7,008	8,294	8,131	7,354	16,483											
	TOTAL OBS	606	559	624	570	616	597	591	589	589	666	613	658	7278											
18-20	MEAN	27.5	33.1	41.1	52.0	60.4	64.3	68.4	65.4	60.2	49.9	38.3	30.1	49.7											
	S D	10,026	10,309	8,603	9,115	8,699	9,475	8,899	8,133	7,051	8,845	6,865	8,201	16,511											
	TOTAL OBS	265	243	279	280	289	264	285	319	280	315	264	290	3373											
21-23	MEAN	21.8	21.4	36.7	46.7	54.6	54.0	62.1	58.8	53.3	41.1	34.9	26.2	42.3											
	S D	11,131	6,115	8,251	5,992	6,166	5,785	6,216	6,016	5,035	6,593	5,181	9,545	15,411											
	TOTAL OBS	93	80	93	90	48	68	96	105	101	103	117	91	1085											
ALL HOURS	MEAN	27.8	31.9	38.7	47.9	56.6	61.3	65.6	63.1	58.0	49.4	38.2	30.2	47.4											
	S D	10,047	10,240	9,124	9,945	9,224	9,347	9,282	8,392	7,969	9,176	7,646	8,309	15,893											
	TOTAL OBS	3033	2762	3151	2823	2945	2996	3026	3176	3036	3414	3146	3288	36806											

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	20.9	19.2	34.6	42.0	46.2	50.1	56.6	54.4	50.5	39.7	33.4	25.4	38.9	
	S D	11.067	7.165	7.890	5.399	3.733	4.169	4.228	3.850	4.006	7.306	4.515	9.794	14.149	
	TOTAL OBS.	93	81	90	90	45	53	87	93	90	88	90	87	987	
03-05	MEAN	21.6	20.7	32.6	40.5	45.2	49.0	54.9	53.4	48.7	39.1	33.5	26.7	38.9	
	S D	11.339	8.044	8.318	5.800	4.759	4.400	4.823	4.310	4.729	7.813	4.870	10.175	13.590	
	TOTAL OBS.	125	100	127	90	81	96	127	126	123	122	106	110	1335	
06-08	MEAN	25.5	28.6	32.3	38.9	46.1	52.0	55.3	54.3	49.3	43.1	34.9	28.1	40.8	
	S D	9.529	9.087	6.674	6.730	5.070	5.385	5.364	4.723	5.126	7.484	6.222	8.083	12.347	
	TOTAL OBS.	576	562	643	571	587	581	606	660	608	665	585	659	7303	
09-11	MEAN	26.4	30.0	34.9	42.4	49.8	55.1	58.5	57.5	53.2	45.8	35.9	29.0	43.2	
	S D	9.204	8.800	6.735	7.025	5.580	5.614	5.876	4.713	4.918	6.645	6.692	7.914	13.097	
	TOTAL OBS.	633	502	643	569	592	591	626	659	625	718	646	676	7540	
12-14	MEAN	28.6	32.7	37.8	44.9	51.8	56.8	60.1	59.0	55.5	49.1	37.9	30.1	45.3	
	S D	8.514	7.995	7.024	7.191	5.842	5.562	5.794	4.881	5.007	6.376	6.968	7.049	12.880	
	TOTAL OBS.	611	557	641	572	592	579	604	625	604	705	642	656	7388	
15-17	MEAN	29.1	33.5	38.4	45.7	52.2	57.0	60.4	59.2	55.7	49.6	37.9	30.3	45.6	
	S D	8.264	7.774	6.996	7.117	5.692	5.632	5.837	4.776	5.004	6.620	6.879	6.841	12.814	
	TOTAL OBS.	597	552	622	570	591	567	591	589	589	662	599	648	7177	
18-20	MEAN	26.4	31.3	37.6	45.9	52.0	56.4	60.1	58.2	54.6	46.7	36.7	29.1	44.9	
	S D	9.593	9.036	6.033	6.688	5.559	5.767	5.878	5.121	5.282	7.683	6.025	7.706	13.345	
	TOTAL OBS.	260	243	278	280	272	243	284	319	280	312	251	290	3312	
21-23	MEAN	21.5	21.1	35.4	43.8	48.9	52.1	58.6	55.6	51.6	40.0	34.0	25.7	40.4	
	S D	10.995	6.163	7.933	5.137	4.110	4.802	5.045	4.422	4.744	6.509	4.871	9.381	14.291	
	TOTAL OBS.	93	80	93	90	44	57	96	105	101	99	109	91	1058	
ALL HOURS	MEAN	26.7	30.2	35.8	43.2	50.0	54.9	58.5	57.2	53.2	46.2	36.4	29.0	43.4	
	S D	9.481	9.134	7.370	7.319	6.029	5.963	5.991	5.170	5.614	7.605	6.642	7.841	13.143	
	TOTAL OBS.	2988	2727	3127	2832	2804	2767	3021	3176	3020	3371	3028	3217	36098	

DATA PROCESSING WKA 24
USAF ETAC
AIR WEATHER SERVICE/VAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH: 46-47,65-72

STATION		STATION NAME												YEARS											
HRS. I. S. T.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	18.8	17.0	33.3	40.0	42.5	43.3	55.4	53.2	49.8	39.0	32.9	24.0	37.5											
	S D	12.601	8.350	8.423	5.645	3.622	4.372	4.307	3.682	4.080	7.528	4.464	11.245	14.693											
	TOTAL OBS	93	81	90	90	45	53	87	93	90	88	90	87	987											
03-05	MEAN	19.4	18.2	31.0	38.9	43.3	47.5	53.3	52.0	47.7	38.2	32.9	25.3	37.4											
	S D	12.521	9.126	9.035	5.874	4.861	4.775	5.046	3.960	5.419	6.032	4.829	11.269	14.063											
	TOTAL OBS	125	100	127	90	81	96	127	126	123	122	106	110	1333											
06-08	MEAN	23.2	26.1	29.6	36.0	43.0	49.0	52.4	52.1	47.4	41.6	33.1	26.1	38.4											
	S D	10.389	9.510	7.033	7.127	5.402	5.480	5.638	4.778	5.410	7.950	6.437	8.544	12.477											
	TOTAL OBS	576	562	643	571	587	581	606	660	608	665	585	659	7303											
09-11	MEAN	23.7	27.0	31.1	37.8	44.7	50.2	53.7	53.6	49.7	43.1	33.5	26.7	39.6											
	S D	10.037	9.158	6.701	6.954	5.871	5.673	6.223	4.865	5.297	7.175	6.797	8.538	12.725											
	TOTAL OBS	633	562	643	560	592	591	626	659	625	718	646	676	7540											
12-14	MEAN	25.5	29.1	32.8	38.8	45.2	50.9	54.1	53.7	50.3	44.7	34.8	27.3	40.5											
	S D	9.520	7.966	6.932	7.037	6.216	5.378	5.882	5.281	5.718	7.187	6.940	7.667	12.225											
	TOTAL OBS	611	557	641	572	592	579	604	625	604	705	642	656	7388											
15-17	MEAN	26.0	29.7	32.9	38.7	44.9	50.7	53.9	53.4	50.0	45.0	34.8	27.6	40.5											
	S D	9.233	7.740	6.842	7.321	5.929	5.321	6.077	4.992	5.659	7.161	6.867	7.464	11.972											
	TOTAL OBS	597	552	622	570	591	567	591	589	589	662	599	648	7177											
18-20	MEAN	23.5	28.2	33.1	39.8	45.1	50.9	54.0	53.4	50.3	43.8	34.7	26.9	40.7											
	S D	10.838	8.942	6.092	7.340	5.843	5.345	6.321	4.965	5.641	7.794	5.849	8.412	12.670											
	TOTAL OBS	260	243	278	280	272	243	284	319	280	312	251	290	3312											
21-23	MEAN	19.3	19.0	33.4	40.7	43.8	50.9	56.4	53.3	50.1	38.9	33.0	23.8	38.4											
	S D	12.292	7.353	8.584	5.647	4.121	4.567	5.200	4.203	5.151	6.803	5.231	10.909	14.510											
	TOTAL OBS	93	80	93	90	44	57	96	105	101	99	109	91	1058											
ALL HOURS	MEAN	23.9	27.1	31.8	38.2	44.4	50.2	53.7	53.2	49.4	43.2	34.0	26.7	39.7											
	S D	10.385	9.207	7.228	7.126	5.838	5.419	5.956	4.920	5.585	7.656	6.570	8.463	12.632											
	TOTAL OBS	2988	2737	3137	2832	2804	2767	3021	3176	3020	3371	3028	3217	36098											

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERPACH

46-47,65-72

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.6	98.1	93.3	80.4	43.9	86.9	2988
FEB		100.0	100.0	100.0	100.0	99.3	96.1	89.4	76.0	37.9	85.1	2737
MAR		100.0	100.0	99.9	98.7	95.5	89.3	78.8	62.7	33.5	81.4	3137
APR		100.0	100.0	99.5	96.2	89.7	80.3	65.9	43.6	23.1	75.5	2832
MAY		100.0	100.0	99.6	94.2	83.6	69.2	53.3	29.9	13.8	70.0	2804
JUN		100.0	100.0	99.9	96.4	87.1	75.6	63.2	48.5	30.2	76.1	2767
JUL		100.0	100.0	99.8	96.5	86.9	73.9	59.7	42.1	20.2	73.5	3021
AUG		100.0	100.0	99.8	98.1	90.8	80.2	66.1	47.0	23.7	76.5	3176
SEP		100.0	100.0	100.0	99.3	95.1	84.9	72.6	54.8	33.1	79.9	3020
OCT		100.0	100.0	100.0	99.0	98.1	92.1	81.8	66.8	44.2	84.5	3371
NOV		100.0	100.0	100.0	100.0	99.5	97.6	91.8	80.2	55.2	88.9	3028
DEC		100.0	100.0	100.0	100.0	100.0	99.1	95.6	83.3	52.0	89.9	3217
TOTALS		100.0	100.0	99.9	98.3	93.8	86.4	76.0	59.6	34.2	80.6	35098

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RELATIVE HUMIDITY

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.2	62.4	90.6	93
	03-05	100.0	100.0	100.0	100.0	99.2	99.2	99.2	84.8	55.2	89.3	125
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	96.5	89.2	45.0	88.2	576
	09-11	100.0	100.0	100.0	100.0	100.0	98.9	92.7	79.1	36.7	85.7	633
	12-14	100.0	100.0	100.0	99.8	99.2	95.7	85.4	68.1	29.3	83.0	611
	15-17	100.0	100.0	100.0	100.0	99.0	95.0	86.6	67.2	28.5	83.2	597
	18-20	100.0	100.0	100.0	100.0	99.6	96.9	88.5	78.5	36.2	85.3	260
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	88.2	58.1	90.1	93
TOTALS		100.0	100.0	100.0	100.0	99.6	98.1	93.3	80.4	43.9	86.9	2988

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.5	93.8	55.6	90.2	81
	03-05	100.0	100.0	100.0	100.0	100.0	97.0	94.0	88.0	53.0	88.3	100
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	96.8	82.2	31.1	86.2	562
	09-11	100.0	100.0	100.0	100.0	99.6	98.0	90.0	71.7	23.7	83.4	562
	12-14	100.0	100.0	100.0	99.8	98.0	91.2	78.5	58.9	20.5	80.1	557
	15-17	100.0	100.0	100.0	99.8	97.6	88.6	74.5	55.8	21.2	79.1	552
	18-20	100.0	100.0	100.0	100.0	98.8	94.2	83.5	67.5	31.7	83.1	243
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	66.3	90.7	80
TOTALS		100.0	100.0	100.0	100.0	99.3	96.1	89.4	76.0	37.9	85.1	2737

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERBACH

47,66-72

VAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.4	71.1	92.1	90
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.1	88.2	65.4	90.9	127
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	91.3	74.0	29.9	84.6	643
	09-11	100.0	100.0	100.0	100.0	98.1	89.9	73.4	49.8	17.6	78.3	643
	12-14	100.0	100.0	100.0	97.2	88.9	75.4	56.5	38.8	10.0	72.2	641
	15-17	100.0	100.0	99.5	95.5	86.8	69.8	52.6	31.7	9.5	70.2	622
	18-20	100.0	100.0	100.0	97.1	90.3	80.2	65.1	43.9	16.9	75.0	278
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.7	80.6	47.3	88.1	93
TOTALS		100.0	100.0	99.9	98.7	95.5	89.3	78.8	62.7	33.5	81.4	3137

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

47,66-70,72
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN:									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	96.7	93.3	74.4	50.0	87.1	90
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.6	76.7	61.1	89.4	90
	06-08	100.0	100.0	100.0	100.0	100.0	97.4	84.4	60.9	25.4	82.2	371
	09-11	100.0	100.0	100.0	99.1	93.3	80.7	59.1	31.3	9.7	72.8	569
	12-14	100.0	100.0	99.5	92.3	77.3	60.1	44.1	19.4	4.2	65.3	572
	15-17	100.0	95.8	98.2	87.4	71.9	53.7	33.2	14.0	3.3	61.8	570
	18-20	100.0	100.0	98.2	91.1	76.1	63.9	41.8	18.9	3.6	65.4	280
	21-23	100.0	100.0	100.0	100.0	98.9	90.0	75.6	53.3	27.8	80.3	90
TOTALS		100.0	100.0	99.5	96.2	89.7	80.3	65.9	43.6	23.1	75.5	2832

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4. AY
MON

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RELATIVE HUMIDITY

JUL
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	79.2	94.4	53
	03-05	100.0	100.0	100.0	100.0	100.0	95.8	93.8	81.3	53.1	89.3	96
	06-08	100.0	100.0	100.0	100.0	98.5	93.1	77.8	47.7	15.7	78.9	581
	09-11	100.0	100.0	100.0	99.0	91.0	66.2	42.0	17.9	6.3	67.7	591
	12-14	100.0	100.0	100.0	93.6	72.5	48.7	29.4	15.4	5.2	62.2	579
	15-17	100.0	100.0	99.5	87.5	63.8	45.5	28.7	16.4	4.8	60.6	567
	18-20	100.0	100.0	100.0	91.4	70.8	55.1	39.1	25.1	10.7	65.0	243
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.7	84.2	66.7	90.7	57
TOTALS		100.0	100.0	99.9	96.4	87.1	75.6	63.2	48.5	30.2	76.1	2767

RELATIVE HUMIDITY

JUL
MONIH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	92.0	52.9	90.1	87
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	91.3	79.5	55.9	87.9	127
	06-08	100.0	100.0	100.0	99.8	97.7	92.7	77.6	47.5	15.0	78.7	606
	09-11	100.0	100.0	100.0	98.7	88.5	66.1	39.8	17.9	4.8	67.0	626
	12-14	100.0	100.0	100.0	92.1	71.9	45.0	25.2	10.8	2.6	60.2	604
	15-17	100.0	100.0	99.2	86.6	62.3	40.8	24.2	11.2	3.0	58.7	591
	18-20	100.0	100.0	98.9	94.7	75.0	51.4	34.9	21.5	4.6	63.5	284
	21-23	100.0	100.0	100.0	100.0	100.0	97.9	85.4	56.3	22.9	82.4	96
TOTALS		100.0	100.0	99.8	96.5	86.9	73.9	59.7	42.1	20.2	73.5	3021

RELATIVE HUMIDITY

46,66=72

ALG
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10°.	20°.	30%	40%	50%	60%	70%	80°.	90%.		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.8	90.3	57.0	91.2	93
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	94.4	78.6	54.0	88.7	126
	06-08	100.0	100.0	100.0	99.8	98.5	95.5	87.6	64.2	29.2	83.5	660
	09-11	100.0	100.0	99.8	98.8	93.9	80.7	55.5	28.1	10.5	72.5	659
	12-14	100.0	99.8	98.9	96.0	79.8	57.3	37.0	17.8	4.6	64.7	625
	15-17	100.0	100.0	99.8	92.5	71.0	48.2	31.7	14.4	2.0	61.6	589
	18-20	100.0	100.0	100.0	97.8	83.1	65.5	40.4	20.4	7.8	67.0	319
	21-23	100.0	100.0	100.0	100.0	100.0	96.2	85.7	61.9	24.8	82.9	105
TOTALS		100.0	100.0	99.8	98.1	90.8	80.2	66.1	47.0	23.7	76.5	3176

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RELATIVE HUMIDITY

SEP
MON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.6	94.4	90
	03-05	100.0	100.0	100.0	100.0	99.2	99.2	98.4	91.9	77.2	93.1	123
	06-08	100.0	100.0	100.0	100.0	99.7	98.0	94.1	76.3	36.8	86.6	608
	09-11	100.0	100.0	100.0	99.7	97.4	88.6	69.0	32.8	9.9	75.5	625
	12-14	100.0	100.0	99.8	98.2	88.2	64.7	37.7	11.9	2.0	65.7	604
	15-17	100.0	100.0	100.0	97.1	82.3	51.6	31.9	13.9	2.2	63.1	589
	18-20	100.0	100.0	100.0	99.6	93.6	76.8	51.8	27.1	7.9	71.2	280
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.0	64.2	53.5	89.2	101
TOTALS		100.0	100.0	100.0	99.3	95.1	84.9	72.6	54.8	33.1	79.9	3020

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERBACH
STATION STATION NAME

46,65-72
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5	86.4	95.1	88
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.7	92.6	73.8	93.5	122
	06-08	100.0	100.0	100.0	100.0	99.8	99.2	95.5	84.5	52.3	89.4	665
	09-11	100.0	100.0	100.0	100.0	99.2	93.2	80.9	56.0	28.3	81.6	718
	12-14	100.0	100.0	99.9	98.7	94.0	76.3	54.6	32.5	10.2	72.3	705
	15-17	100.0	100.0	99.8	98.6	92.7	74.6	51.1	29.8	9.8	71.2	662
	18-20	100.0	100.0	100.0	99.7	99.0	93.6	80.8	53.2	24.7	80.8	312
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.9	89.9	67.7	92.4	99
TOTALS		100.0	100.0	100.0	99.6	98.1	92.1	81.8	66.8	44.2	84.5	3371

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RELATIVE HUMIDITY

121

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%.	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	97.2	9^
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	93.4	96.1	106
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.8	85.3	47.5	88.8	385
	09-11	100.0	100.0	100.0	100.0	99.2	97.5	90.6	74.0	34.8	85.4	646
	12-14	100.0	100.0	100.0	100.0	98.9	93.6	79.1	54.2	25.7	81.0	642
	15-17	100.0	100.0	100.0	99.8	96.2	92.7	79.3	58.8	25.7	81.2	599
	18-20	100.0	100.0	100.0	100.0	99.6	98.4	92.8	77.3	44.2	87.8	251
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	95.4	92.7	77.1	93.8	109
TOTALS		100.0	100.0	100.0	100.0	99.5	97.6	91.8	80.2	55.2	88.9	3028

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34172 ANSBACH AAF GERMANY/KATTERBACH

46,65-72

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	87.4	73.6	93.0	87
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	91.8	73.6	92.6	110
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	86.9	46.1	88.9	639
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	96.2	83.0	41.9	87.4	676
	12-14	100.0	100.0	100.0	100.0	100.0	97.1	91.6	72.3	31.6	84.5	656
	15-17	100.0	100.0	100.0	100.0	100.0	98.1	91.4	75.9	35.0	85.5	648
	18-20	100.0	100.0	100.0	100.0	99.7	99.3	96.8	84.1	46.6	83.0	290
	21-23	100.0	100.0	100.0	100.0	100.0	98.9	93.4	84.6	65.9	90.9	91
TOTALS		100.0	100.0	100.0	100.0	100.0	99.1	95.6	83.3	52.0	88.9	3217

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

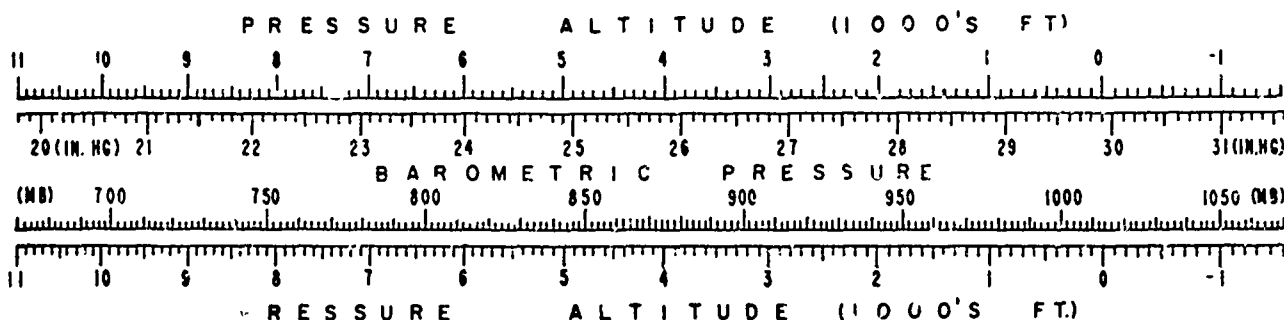
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,65-72

STATION		STATION NAME												YEARS
HRS ILST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28,41428	28,10828	28,12628	28,49628	28,34828	28,41128	28,50228	28,38428	28,45728	28,43928	28,32028	28,367	28,367
	S D	,194	,209	,211	,265	,101	,140	,135	,105	,154	,156	,271	,264	,228
	TOTAL OBS	31	27	30	30	18	29	29	31	30	30	30	29	344
04	MEAN	28,38028	28,22928	28,13728	28,48328	28,32428	28,34028	28,47728	28,37328	28,44328	28,50828	28,25028	28,453	28,363
	S D	,277	,301	,231	,262	,177	,164	,126	,105	,236	,220	,313	,268	,254
	TOTAL OBS	46	27	48	30	38	50	47	42	40	46	46	42	512
07	MEAN	28,31928	28,20928	28,29028	28,32928	28,35028	28,41528	28,47128	28,38928	28,45328	28,46228	28,30528	28,342	28,363
	S D	,286	,287	,275	,261	,186	,161	,151	,148	,179	,236	,304	,332	,253
	TOTAL OBS	194	189	212	186	202	206	206	219	209	219	197	227	2466
10	MEAN	28,33628	28,22128	28,30428	28,34028	28,35728	28,42528	28,47728	28,40628	28,47428	28,49328	28,31728	28,362	28,379
	S D	,279	,279	,272	,261	,183	,197	,140	,151	,179	,232	,304	,333	,254
	TOTAL OBS	212	185	207	188	203	209	210	220	211	245	222	231	2543
13	MEAN	28,32928	28,21528	28,29228	28,33328	28,34628	28,41428	28,46528	28,39328	28,45528	28,47428	28,30528	28,330	28,364
	S D	,295	,281	,282	,259	,181	,181	,155	,145	,178	,229	,299	,329	,254
	TOTAL OBS	203	186	205	186	203	199	200	207	195	232	220	217	2453
16	MEAN	28,33828	28,20828	28,27728	28,31828	28,32728	28,38728	28,45028	28,37228	28,44428	28,44628	28,28928	28,338	28,351
	S D	,313	,280	,275	,254	,184	,154	,149	,140	,181	,233	,300	,342	,254
	TOTAL OBS	211	187	202	184	204	206	200	200	204	221	217	219	2465
19	MEAN	28,37728	28,11528	28,27628	28,35828	28,33728	28,38728	28,40228	28,39028	28,46428	28,34928	28,35428	28,359	28,350
	S D	,238	,241	,284	,293	,154	,126	,137	,129	,136	,215	,286	,339	,236
	TOTAL OBS	60	55	61	59	68	56	63	78	63	73	44	72	752
22	MEAN	28,41928	28,09328	28,14028	28,50928	28,36228	28,44728	28,48428	28,38128	28,46028	28,42828	28,34728	28,367	28,369
	S D	,193	,209	,215	,257	,105	,133	,126	,100	,160	,162	,267	,254	,230
	TOTAL OBS	31	27	31	29	15	20	29	31	30	31	41	31	346
ALL HOURS	MEAN	28,34128	28,20128	28,27328	28,34928	28,34428	28,40628	28,46428	28,38928	28,45728	28,46128	28,30628	28,350	28,354
	S D	,265	,278	,275	,265	,179	,171	,148	,141	,178	,230	,299	,328	,251
	TOTAL OBS	988	893	998	892	951	975	984	1028	982	1107	1017	1068	11881

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34172 ANSBACH AAF GERMANY/KATTERBACH 46-47,66-67,71

STATION		STATION NAME												YEARS											
HRS (LST)		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC												ANNUAL											
01	MEAN	1020,51009,81008,41020,41014,21016,41018,91015,01018,11019,01015,61018,5												1016,4											
	S D	6,759 7,909 8,184 9,518 3,712 5,017 4,891 3,926 5,695 5,879 9,59810,143												8,006											
	TOTAL OBS	31 27 30 30 18 29 29 31 30 30 30 29												344											
04	MEAN	1020,41010,41009,11019,91012,81016,41018,51014,71017,81020,11012,71018,8												1015,9											
	S D	6,900 8,413 8,065 9,475 5,746 4,894 4,870 3,890 5,654 6,94311,22310,183												8,448											
	TOTAL OBS	31 29 29 30 38 29 29 31 30 37 47 30												390											
07	MEAN	1020,81014,01014,01017,91013,61018,11017,71016,11017,81016,01016,41016,2												1016,5											
	S D	6,30011,27510,017 9,002 6,149 4,883 4,700 4,357 3,281 7,97310,84711,247												8,256											
	TOTAL OBS	61 57 61 60 70 60 74 93 89 98 102 88												913											
10	MEAN	1021,31015,21014,61018,21013,81018,41017,71016,41018,11017,01016,51016,7												1017,0											
	S D	6,16410,46910,109 9,013 6,053 4,892 4,694 4,162 5,079 8,27411,29111,047												8,227											
	TOTAL OBS	62 55 61 60 70 60 74 93 89 100 104 89												917											
13	MEAN	1020,81014,21014,31017,71013,41017,91017,21016,01017,51015,81016,71015,9												1016,4											
	S D	6,24713,476 9,768 8,915 5,960 4,990 4,553 4,170 5,192 8,00311,17811,194												8,147											
	TOTAL OBS	62 57 61 60 71 60 74 94 88 96 102 83												908											
16	MEAN	1020,61014,01013,51017,01012,71017,61016,61015,41016,81015,11015,91015,5												1015,8											
	S D	6,41110,044 9,649 8,750 5,865 4,654 4,486 4,092 5,277 7,64410,79911,356												8,020											
	TOTAL OBS	62 57 61 60 71 60 74 93 98 96 99 82												903											
19	MEAN	1020,71009,21009,01020,11012,21016,31015,81014,41019,51014,71015,81018,3												1015,5											
	S D	6,664 7,694 8,432 9,052 5,439 5,088 4,837 4,085 5,149 7,422 9,529 9,861												7,557											
	TOTAL OBS	31 27 30 30 39 30 44 22 31 61 30 30												465											
22	MEAN	1021,11009,41009,11020,71014,81018,01018,11015,11018,41019,21015,91018,7												1016,6											
	S D	6,579 7,761 8,407 9,189 3,902 4,305 4,604 3,546 5,923 5,844 9,622 9,985												8,045											
	TOTAL OBS	31 27 31 30 15 20 29 31 30 30 30 30												334											
ALL HOURS	MEAN	1020,81012,81012,41018,61013,31017,61017,41015,61017,81016,51016,01016,7												1016,3											
	S D	6,377 9,959 9,627 9,052 5,763 4,905 4,711 4,134 5,294 7,78610,81510,901												8,123											
	TOTAL OBS	371 336 364 360 392 348 427 528 495 548 544 461												5174											

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